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#### LONDON:

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198, STRAND, W.C.

### JANUARY.



OLD MODES OF LOCOMOTION.—ANCIENT BRITONS IN THEIR CORACLES.

	D.	D.	ANNIVERSARIES,		SUN.		мо	ON.	DURATION O		NLIGHT.			VATER AT		Day
1	M.	OF W.	FESTIVALS, OCCURRENCES, ETC.	Rises.	Souths	Sets.	Rises.	Sets.	Before Sunrise.	e. e.	After Sunset.	London	Bridge.	Liverpo	ool Dock.	of Year.
		"	OCCURRENCES, ETC.		Noon.		Morn.	Aftern.	O'Clock.	Moon's Age.	O'Clock.	Morn.	Aftern.	Morn.	Aftern.	Toar.
		a	a:	н. м.	м. в.	н. м.	H. M.	н. м.	Ecconomic Services	SERVICE OF	. 1 25000	н. м. 4 38	н. м.	н. м.	н. м.	THE ST
	1	S	Circumcision			4 0	10 49	9 0		5 _		* 1				1
		\$	1st Sun. aft. Christmas	8 8	4 7	4 1	11 2	10 17	21111 11111 11111 11111	6		5 12	5 31	2 10	2 28	2
	3	M	General Sir De Lacy Evans died, 1870	8 8	4 35	4 2	11 13	11 35		7	1.1	5 52	6 13	2 47	3 8	3
	4	Tu	Length of day, 7h, 56m.	8 8	5 2	4 3	11 24	Morn.				6 36	6 59	3 29	3 52	4
1	5	W	Alexander Smith (author) died, 1867	8 8	5 30	4 3	11 37	0 54		9	The state of the s	7 23	7 50	4 15	4 39	5
	6	Th	Ерірнаму	8 7	5 56	4 4	11 52	2 20	1	0		8 20	8 50	5 6	5 36	6
	7	F	Bishop of Ely died, 1854	8 7	6 23	4 6	Aftern.	3 50		T		9 24	10 4	6 6	6 40	7
1	8	S	Prince Albert Victor of Wales born, 1864	8 7	6 48	4 7	0 45	5 23		2		10 43	11 20	7 20	7 59	8
	9	5	1st Sund. aft. Epiphany	8 6	7 14	4 9	1 35	6 48		13		11 53	_	8 36	9 9	9
	10	M	John T. Pratt died, 1870	8 6	7 38	4 10	2 47	7 59		14		0 26	0 57	9 42	10 13	10
	1	Tu	Law Hilary Term begins	8 5	8 2	4 11	4 14	8 48				1 27	1 55	10 43	11 11	11
	12	w	Dean Alford died, 1871	8 4	8 26	4 13	5 47	9 18		16		2 20	2 46	11 36	-	12
	13	Th	Cambridge Lent Term begins	8 3	8 49	4 14	7 20	9 41	100	17		3 12	3 36	0 2	0 28	13
	14	F	Oxford Lent Term begins	8 2	9 11	4 16	8 44	9 57		18		4 0	4 23	0 52	1 16	14
	15	S	British Museum opened, 1759	8 2	9 33	4 18	10 4	10 9		19		4 45	5 6	1 39	2 1	15
	16	5	2ND SUND. AFT. EPIPHANY	8 1	9 54	4 19	11 20	10 21	9	20		5 26	5 46	2 22	2 42	16
	17	M	Battle of Falkirk, 1756	8 0	10 14	4 21	Morn.	10 32		21		6 6	6 28	3 2	3 22	17
	18	Tt	Prisca. Old Twelfth Day	7 59	10 34	4 22	0 35	10 44		O		6 48	7 9	3 44	4 4	18
	19	W	Copernicus born, 1473	7 58	10 53	4 24	1 50	10 57		23		7 30	7 55	4 25	4 46	19
	20	TH	Fabian, Bishop	7 57	11 11	4 25	3 5	11 14		24		8 21	8 51	5 11	5 37	20
	21	F	Agnes, Virgin and Martyr	7 56	11 28	4 27	4 19	11 36		<b>25</b>		9 28	10 10	6 7	6 44	21
	22	S	First English Parliament, 1265	7 55	11 45	4 29	5 29	Aftern.		26		10 52	11 30	7 26	8 8	22
	26	2	3RD SUN. AFT. EPIPHANY	7 54	12 1	4 31	6 31	0 52		27		-	0 5	8 46	9 21	23
- 1	24	M	R. Boyle died, 1827	7 53	12 16	4 33	7 20	1 51		28		0 34	1 0	9 50	10 16	24
	25	Tu	Princess Royal married, 1858	7 51	12 31	4 35	7 56	2 59		29		1 24	1 45	10 40	11 1	25
	26	W	Dr. Jenner died, 1823	7 50	12 44	4 37	8 23	4 14		Ö		2 5	2 23	11 21	11 39	26
	27	Th	Peter the Great died, 1725	7 48	12 57	4 39	8 42	5 32	VIIII VIIII VIIII VIIII VIIII	1		2 40	2 57	11 56	_	27
	28	F	Venus souths at 2h. 15m. p.m.	7 47	13 9	4 40	8 57	6 49		2		3 14	3 30	0 13	0 30	28
	29	S	Germans occupy Paris forts, 1871	7 46	13 20	4 41	9 9	8 7		3		3 46	4 3	0 46	1 2	29
	30	3	4TH SUN. AFT. EPIPHANY	7 45	13 30	4 43	9 20	9 24		4		4 20	4 36	1 19	1 36	30
	31	M	Law Hilary Term ends	7 43	13 40	4 45	9 32	10 43		5		4 53	5 9	1 52	2 9	31



A 2

#### THE CALENDAR.

#### PRINCIPAL ARTICLES OF THE CALENDAR FOR THE YEAR OF OUR LORD 1876.

					Julian,	or	Gregorian, or	
				-	Old Calen	dar.	New Calendar	
					15		15	
Epact					15		IV.	-
Solar Cycle					9		9	
Roman Indiation					4		4	
Dominical Lottors					CD		BA	
Sentuagagima Sunday					Feb.	1	Feb. 13	
Ash Wodnosdon						18	March 1	
Poston Cundos	•••			***				
			***	***	April	4	Autoria	
					May	13	May 25	
Pentecost-Whit Sunday	7				,,	23	June 4	8
1st Sunday in Advent						28	Dec. 3	
The year 1876 is the	letter	nart:	of the	5626t	h and the	hor	rinning of the	0

The year 1876 is the latter part of the 5636th and the beginning of the 5637th year since the creation of the world, according to the Jews. The year 6637 commences on Sept. 19, 1876.

The year 1876 answers to the 6589th of the Julian Period, to the 2629th for the Julian Period, to the 2629th for the year 7384-5 of the Byzantine Era.

The year 1293 of the Mohammedan Era commences on Jan. 28, 1876; and Ramadan (month of abstinence observed by the Turks) commences on Sept. 20, 1876.

#### MOHAMMEDAN CALENDAR FOR THE YEAR 1876. Year. Names of Months. Month begins.

1293.	Mulharram	***	 	 January 28, 1876	
"	Saphar		 	 February 27 ,,	
"	Rabia		 	 March 27 ,,	
"	Latter Rabia		 	 April 26 ,,	
"	Gomada		 ***	 May 25 ,,	
"	Latter Gomada		 	 June 24 ,,	
"	Rajab		 	 July 23 ,,	
,,	Schaban		 	 August 22 ,,	
"	Ramadan		 	 September 20 ,,	
,,	Shawal		 	 October 20 ,,	
"	Dulkaadah		 	 November 18 ,,	
,,	Dulhagee		 	 December 18 ,,	
1294.	Mulharram		 	 January 16, 1877	

#### CALENDAR OF THE JEWS FOR THE YEAR 1876.

-	5636.		1876.		NEW MOON, FASTS, AND FEASTS.
_					
	Tebet	1	Dec. 29 (187		New Moon
		10	January	7	Fast of Tebet
	Sebat	1	"	27	New Moon
	Adar	1	February	26	New Moon
	,,	13	March	9	Fast of Esther
	, ,,	14	"	10	PURIM
		15	"	11	,,
	Nisan	1		26	New Moon
	"	15	April	9	Passover
	"	16	"	10	
	"	21	",	15	Sth Day
		22		16	Passover ends
	Yiar	1	"	25	New Moon
		18	May	12	33 of the Homer
	Sivan	1		24	New Moon
		6	"	29	SEBUOT .
	"	7	"	30	
	Tamuz	1	June	23	New Moon
		17		9	Fast of Tamuz
	Ab"		July	22	New Moon
	Ab	1	"	30	
	Elul	9	A somet		Fast of Ab
	Elul	1	August	21	New Moon
	5637.		To the second		
			Clanton	10	New Year
	Tisri	1	September	19	New Year
	"	2	,,	20	Wash of Change
	"	3	"	21	Fast of Guedaliah
	"	10	0.4.2"	28	KIPUR
	"	15	October	3	Feast of Tabernacles
	"	16	,,	4	77 9
	"	21	"	9	Hosana Raba
1	"	22	33	10	Feast of the 8th Day
1	,,	23	))	11	1)
1	Hesvan	1	1)	19	New Moon
	Kislev	1	November	17	New Moon
1		25	December	11	HANUCA
1	Tebet	1	"	17	New Moon
1	,,	10	"	26	Fast of Tebet
1	Sebat	1	Jan. 15 (18	877)	New Moon

#### FIXED AND MOVABLE FESTIVALS, ANNIVERSARIES, &c.

Epiphany	Jan. 6	Ascension Day-Holy Thursd.	lay . 25
Septuagesima Sunday	Feb. 13	Pentecost-Whit Sunday	June 4
Quinquagesima—Shrove S.	., 27	Trinity Sunday	,, 11
Ash Wednesday	March 1	Corpus Christi	,, 15
St. David	,, 1	Accession of Queen Victoria	,, 20
Quadragesima Sunday	,, 5	Proclamation	,, 21
St. Patrick	,, 17	St. John Baptist-Midsum-	. 24
Annunciation-Lady Day	,, 25	mer Day	,, 44
Palm Sunday	April 9.	St. Michael - Michaelmas	Sept. 29
Good Friday	,, 14	Day	Берь. 25
Easter Sunday	,, 16	Birth of Prince of Wales	Nov. 9
Low Sunday	,, 23	St. Andrew	,, (30
St. George	,, 23		Dec. 3
Rogation Sunday	May 21	St. Thomas	,, 21
Birth of Queen Victoria	,, 24	CHRISTMAS DAY	,, 25
-			

#### BEGINNINGS OF THE SEASONS, 1876.

;; ;; ;;	;; ;; ;;	Capricornus Aries Cancer Libra Capricornus	;; ;; ;;	Sprin Sumn Autu Winte	g ner mn	;	, 1876	Ju Se De	arch ne pt.	21 22 21	6 3 5 11	0 a 0 a 0 a 0 a 0 a	.m .m .m	
Th	e Sun	will conseque	ntly	be in	th				89 6	lays			rs	
	"	,,		22			pring		92		21			
	"	"		"			ummer	,,	93	,,	14	,,		
	"	"		,,		A	utumn	"	89	,,	18	,,		
The	Sun v	will be on t		1876		H.						0	,	11
		going North	}	March	20	6	0 a.m.	his	lecli	n. b	eing	30	0	0
The	Sun st Nort	will reach h h declination	nis }				0 a.m.		"			00	27	27
Equate	or and	vill be on t	5	Sept.	22	5	0 p.m.		,,		,,	0	0	0
		will reach l h declination		Dec.	21	11	0 a.m.		"		,,	23	27	27
mbo	C	Il be Moude ad	11.	Thomas	0 1	0000	maining	thor	omic	den	£ 57	min	or a	nd

The Sun will be North of the Equator (comprising the periods of Spring and Summer) 186 days 11 hours.

The Sun will be South of the Equator (comprising the periods of Autumn and Winter) 178 days 19 hours.

The length of the year is 365 days 6 hours.

#### ASTRONOMICAL SYMBOLS AND ABBREVIATIONS.

ASIRONO	TICAL SIMBUL	S AND ADDIVE	VIAIIONO.
@ The Sun	28 Beliona	68 Leto	108 Hecuba
New Moon	29 Amphitrite	69 Hesperia	109 Felicitas
) First Quarter	30 Urania	70 Panopea	110 Lydia
O Full Moon	31 Euphrosyne	71 Niobe	111 Ate
D Last Quarter	32 Pomona	72 Feronia	112 Iphigenia
of Mercury	33 Polyhymnia	73 Clytie	113 Amathea
2 Venus	34 Circe	74 Galatea	114 Cassandra
1 or 5 The Earth		75 Eurydice	115 Thyra
a Mars	63 Atalanta	· 76 Freia	116 Tirona
1 Jupiter	37 Fides	77 Frigga	117 Lomia
h Saturn	38 Leda	78 Diana	118 Peitho
H Uranus	39 Letitia	79 Eurynome	119 Althæa
	40 Harmonia	80 Sappho	120 Lachosis
Neptune 1 Ceres	41 Daphne	81 Terpsichore	121 Hermione
2 Pallas	42 Isis	82 Alemene	122 Gerua
3 Juno	43 Ariadne	83 Beatrix	123 Brunhilda
4 Vesta	44 Nysa	84 Clio	124 Alcestis
5 Astræa	45 Eugenia	85 Io	125 Liberatrix
6 Hebe	46 Hestia	86 Semele	126 Velleda
7 Iris	47 Aglaia	87 Sylvia	127 Johanna
8 Flora	48 Doris	88 Thisbe	128 Nemesis
9 Metis	49 Pales	89 Julia	129 Antigone
10 Hygeia	50 Virginia	90 Antiope	130 Electra
11 Parthenope	51 Nemausa	91 Ægina	131 Vala
12 Victoria	52 Europa	92 Undina	132 Æthra
13 Egeria	53 Calypso	93 Minerva	133 Cyrene
14 Trene	54 Alexandra	94 Aurora	134 Sophrosyne
15 Eunomia	55 Pandora	95 Arethusa	135 Hertha
16 Psyche	56 Melete	96 Ægle	136 Austria
17 Thetis	57 Mnemosyne	97 Clotho	137 Melibæa
18 Melpomene	58 Concordia	98 Ianthe	138 Tolosa
19 Fortuna	59 Olympia	99 Dikè	139
20 Massilia	60 Echo	100 Hecate	140 Siwa
21 Lutetia	61 Danaë	101 Helena	141 Lumen
22 Calliope	62 Erato	102 Miriam	142 Polana
23 Thalia	63 Ausonia	103 Hera	143 Adria
24 Themis	64 Angelina	104 Clymene	144 Vibilia
25 Phocea	65 Maximiliana	105 Artemis	145 Odeona
26 Proserpine	66 Maia	106 Dione	146
27 Euterpe	67 Asia	107 Camilla	I was a second
	1 / C	having the same	Longitudeor

The Symb ol 6 Conjunction, or having the same Longitude or Right Ascension.

☐ Quadrature, or differing 90° in Longitude or

Right Ascension.

S Opposition, or differing 180° in Longitude or Right Ascension.

#### LAW TERMS, 1876.

As settled by Statutes 2 Geo. IV., and 1 Will. IV., cap. 70, s. 6 (passed July 23, 1830); and 1 Will. IV., cap. 3, s. 2 (passed Dec. 23, 1830).

Hilary Term ... begins January 11 and ends January 31

Easter Term ... "April 15 "May 11

Trinity Term ... "May 25 "June 15

Michaelmas Term ... "November 2 "November 25

#### UNIVERSITY TERMS, 1876.

OXFORD TE	RM.	BEGINS.	ENDS.
Lent Easter Trinity Michaelmas		January 14 April 19 June 3 October 10	April 8 June 2 July 8 December 18
CAMBRIDGE TERM.	BEGINS.	DIVIDES.	ENDS.
Lent Easter Michaelmas	January 13 April 21 October 1	Feb. 24, Midnight. May 22, Midnight. Nov. 8, Noon.	April 7 June 23 Dec. 16
	The	Commencement, Ju	ne 20.

#### THE QUEEN AND ROYAL FAMILY.

THE QUEEN.—VICTORIA, of the United Kingdom of Great Britain and Ireland, &c., Queen, Defender of the Faith. Her Majesty was born at Kensington Palace, May 24, 1819; succeeded to the throne June, 20, 1837, on the death of her uncle King William IV.; was crowned June 28, 1838; and married, Feb. 10, 1840, to his Royal Highness Prince Albert. Her Majesty is the only child of his late Royal Highness Edward, Duke of Kent, son of King George III. The children of her Majesty are:—

Her Royal Highness Victoria Adelaide Mary Louisa, Princess Royal of England and Prussia, born Nov. 21, 1840, and married to his Royal Highness William, the Crown Prince of Germany, Jan. 25, 1858, and has had issue, three sons and four daughters.

His Royal Highness Albert Edward, Prince of Wales, born Nov. 9, 1841; married, March 10, 1863, Alexandra of Denmark, (Princess of Wales), born Dec. 1, 1844, and has issue, Prince Albert Victor, born Jan. 8, 1864, George Frederick Ernest Albert, born June 3, 1865; Louisa Victoria Alexandra Dagmar, born Feb. 20, 1867; Victoria Alexandra Olga Mary, born July 6, 1868; and Maude Charlotte Mary Victoria, born Nov. 26, 1869.

Her Royal Highness Alice Maud Mary, born April 25, 1843; married to H.R.H. Prince Frederick Louis of Hesse, July 1, 1862, and has issue four daughters and one son: second son killed by accident, May, 1873.

His Royal Highness Alfred Ernest Albert, Duke of Edinburgh, born Aug. 6, 1844; married the Grand Duchess Marie of Russia, Jan. 23, 1874, and has issue a son, born Oct. 12, 1874.

Her Royal Highness Helena Augusta Victoria, born May 25, 1846; married to his Royal Highness Prince Frederick Christian Charles Augustus of Schleswig-Holstein-Sonderburg-Augustenburg, July 5, 1866, and has issue two sons and three daughters.

Her Royal Highness Louisa Carolina Alberta, born March 18, 1848; married to the Marquis of Lorne, eldest son of the Duke of Argyll, March, 1871.

His Royal Highness Arthur William Patrick Albert, Duke of Connaught, born May 1, 1850.

His Royal Highness Leopold George Duncan Albert, born April 7, 1853.

Her Royal Highness Beatrice Mary Victoria Feodore, born April 14, 1857.

Her Royal Highness Beatrice Mary Victoria Feodore, born April 14, 1857.

George Frederick Alexander Charles Ernest Augustus, K.G., DUKE OF
CUMBERLAND, cousin to her Majesty, born May 27, 1819, married Princess
Frederica of Mecklenburg-Strelitz, and has issue a sea and two daughters.
George Frederick William Charles, K.G., DUKE OF CAMBERDER, cousin to
her Majesty, born, March 26, 1819. Augusta Wilhelmina Louisa, Duchess
of Cambridge, niece of the Landgrave of Hesse and aunt to her Majesty,
born July 25, 1795; married, May 7, 1818, the late Duke of Cambridge
Augusta Caroline Charlotte Elizabeth Mary Sophia Louis, daughter of the
late Duke of Cambridge and cousin to her Majesty, born July 19, 1822, married,
June 28, 1843, to Frederick, Grand Duke of Mecklenburg-Strelitz, and has
issue a son. Mary Adelaide Wilhelmina Elizabeth, daughter of the late
Duke of Gambridge and cousin to her Majesty, born Nov. 27, 1833, married
Prince Teck, June 7, 1866, has issue two sons and two daughters.

#### HER MAJESTY'S CHIEF OFFICERS OF STATE.

First Lord of th	e Treasury		Right Hon. Benjamin Disraeli.
Lord High Chai			Right Hon. Lord Cairns.
Lord President	of the Council		Right Hon. Duke of Richmond.
Lord Privy Seal			Right Hon. Earl of Malmesbury.
Chancellor of th	ne Exchequer		Right Hon. Sir S. H. Northcote, Bart.
	Home Departme	nt.	Right Hon. Richard Assheton Cross.
Secretaries of	Foreign Affairs.		Right Hon. Earl of Derby.
State	Colonies		Right Hon. Earl of Carnarvon.
Duale	War		Right Hon. Gathorne Hardy.
	India		Right Hon. Marquis of Salisbury.
First Lord of th			Right Hon. George Ward Hunt.
Postmaster-Ger	ieral		Right Hon, Lord John J. R. Manners.
	S	COTI	AND.
Tand Trial Com	4.11.		Figure of Time!

	Lord High Constable	 Earl of Erroll.
	Keeper of the Great Seal	 Earl of Selkirk.
	Deputy Keeper of the Great Seal	 J. H. Mackenzie.
	Master of the Household	 Duke of Argyll.
	Standard Bearer	 Earl of Lauderdale.
	Lord High Commissioner	 Earl of Rosslyn.
	Lord Justice General	 Right Hon. John Inglis.
	Lord Justice Clerk	 Right Hon, Sir J. Moncreiff.
	Lord Advocate	 Right Hon. E. S. Gordon.
ı	Solicitor-General	 J. Millar, Q.C.
	Lord Clerk Register	 Right Hon. Sir W. Gibson Craig.
	Deputy Clerk Register	 W. P. Dundas.
	Commander of the Forces	 Major-Gen. R. Rumley.

	Assistant Adjutant-General		Colonel Peacocke
	I	REL	AND.
	Lord Lieutenant		Duke of Abercorn.
9	Chief Secretary		Sir M. Hicks-Beach.
	Under Secretary		T. H. Burke.
	Commander of the Forces		General Lord Sandhurst.
	State Steward		G. Lambert, Esq.
	Private Secretary		A. P. Cockerell.
١	Controller		Lieutenant-Colonel J. A. Caulfield.
	Chamberlain		Lieutenant-Colonel B. Bernard.
	Lord Chancellor		Right Hon. J. T. Ball, LL.D.
	Secretary to the Lord Chancellor		J. Upington.
	Master of the Rolls		Right Hon. F. Sullivan.
	Attorney-General		Right Hon. H. Ormsby.
	Solicitor-General		Right Hon. David Plunket
	Military Secretary		Lieutenant-Colonel G. N. Fendall.
	Ulster-King-of-Arms		Sir Bernard Burke, L.L.D.

#### PRINCE OF WALES'S HOUSEHOLD.

Comptroller and Treasurer	 General Sir Wm. Knollys, K.C.B.
Private Secretary	Francis Knollys, Esq.

#### HER MAJESTY'S HOUSEHOLD.

LORD S	TEWARD	'S DEPARTMENT.
		Earl Beauchamp.
		Earl Percy.
		Lord H. Somerset.
old		Sir T. Cowell, K.C.B.
Green C	loth	E. M. Browell, Esq.
usehold		W. Hampshire, Esq.
	nold	nold

	onn der terne		IN'S DEPARTMENT.
1	ORD CHAMBE	RLA	IN'S DEPARTMENT.
Lord Chamberlain			Marquis of Hertford.
Vice-Chamberlain			Viscount Barrington.
Comptroller			Hon. S. C. B. Ponsonby.
Chief Clerk			T. C. March, Esq.
Keeper of the Privy I	Purse		General Sir T. M. Biddulph, K.C.B.
Private Secretary to	her Majesty		Colonel H. F. Ponsonby.
			H. T. Harrison, Esq.
Captain of the Yeom	en of the Gu	ard	Lord Skelmersdale.
Captain of the Gentle	emen-at-Arn	ns	Earl of Shrewsbury.
Master of the Cereme	onies		Major-Gen. Hon. Sir E. Cust, G.C.
Lord High Almoner			Doon of Windson

C.H.

	Dean of Chapel Royal		 Bishop of London.
	Sub-Dean		 Rev. F. Garden.
	Clerk of the Closet		Bishop of Worcester.
	Resident Chaplain		 Dean of Windsor.
	Mistress of the Robes		 Duchess of Wellington.
	Groom		 H. D. Erskine.
,	Physician in Ordinary		 Sir Wm. Jenner, Bart.
9	Sergeant Surgeon	-	 Sir Wm Fergusson, Bart.

MASTER OF THE HORSE'S DEPARTMENT. Master of the Horse ... ... Earl of Bradford. Clerk Marshal ... Lord Alfred Paget Crown Equerry and Secretary Colonel G. A. Maude, C.B.

Master of the Buckhounds ... ... Earl of Hardwicke.

#### CITY OFFICERS.

LORD MAYOR—Right Hon. W. L. R. Cotton, M.P., Lime-street, 1866. Sheriffs—Mr. Alderman Knight and Mr. Deputy E. Breffit. Chamberlain—Benjamin Scott, Esq.

RECORDER-Right Hon. Russell Gurney, Q.C., M.P. COMMON SERJEANT-Sir Thomas R. Chambers, Q.C., M.P. COMMISSIONER OF POLICE-Col. Jas. Fraser.

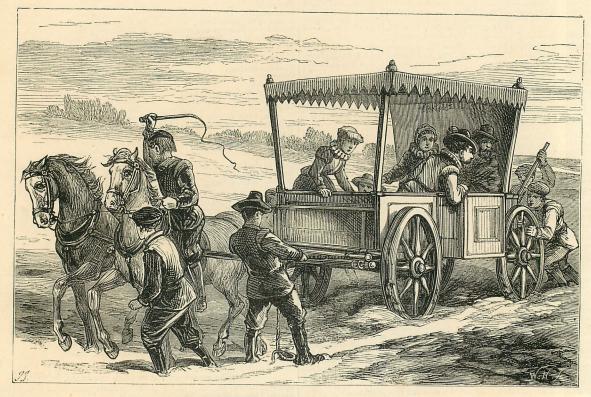
#### ALDERMEN.

THE FOLLOWING HAVE PASS	SED THE CHAIR.	
Sidney, Thomas, Esq Billi	ngsgate	. 1844
Finnis, Thomas Quested, Esq Tow		. 1848
Carden, Sir Robert Walter Brid	ge Without	. 1849
Carter, John, Esq Corn	hill	. 1851
	enhithe	
Lawrence, William, Esq., M.P Brea		. 1856
	ingdon Within	. 1857
Gabriel, Sir Thomas, Bart Vint		
	р	
	brook	. 1860
	ilewick	
	rsgate	. 1862
	gbourne	. 1863
	rate	. 1863
Stone, David Henry Esq Bass	ishaw	. 1864

#### THE FOLLOWING HAVE NOT PASSED THE CHAIR. THE FOLLOWING BY COWDEN, W. T., ESq. ... ... White, Charles, ESq. ... Whetham, Charles, Sir ... Truscott, Sir Francis W. M'Arthur, William, M.P. Ellis, John W., Esq. ... Figgins, J., Esq. ... Paterson, John, Esq. ... Paterson, John, Esq. ... Henry Edmund Knight, Esq. Hadley, Simeon Charles, Esq. Bishopsgate Portsoken ... Bridge Within ... 1871 1871 Dowgate ... ... Coleman-street ... 1871 1872 ... ... ... Broad-street ... Farringdon Without 1872 1873 ... Cordwainer 1873 1874 Cripplegate ... Castle Baynard ... ... 1875

TABLE O	F KING	SA	ND	QUEENS	OF :	ENGL	AN	D.
NORM	AN LINE.	VORE AND	TANCAC	muzn rrarr	mmn	***		
NORE		n to I	YORK AND		OF TUDO		IN	
				THE	HOUSE C	Began		lairn
William I	Oct.		1066	Henry VII. o	f Ton	Ang	99	1425
William II	Sept		1087	Henry VIII.	I LIMIL.	A neil	22,	1500
Henry I	Aug	. 2,	1100	Edward VI.		Jon	90	1547
Stephen	Dec.	2,	1135	Mary I.		July	6	1559
FAMILY OF	PLANTAGE	NET.		Elizabeth		Nov	17	1558
Henry II	Oct.	25.	1154	HOU			1.,	1000
Richard I			1189			March	24	1603
John			1199	Charles I				
Henry III	Oct.		1216	THE COMMON				
Edward I	Nov.		1272	1660, CROI				
Edward II			1307	Charles II				
Edward III	Jan.		1327	James II				
Richard II	June	21,	1377	William and	Mary	Feb.	13.	1689
HOUSE OF	F LANCASTI	IR.		William alon	e, from	Dec.	28.	1694
	Sept		1000	Anne		March	1 8.	1702
			1413	BRUN	SWICK :	FAMILY.		
Market Market			1422	George I		Aug.	1,	1714
	119 210			George II		June	11,	1727
HOUSE	OF YORK.			George III		Oct.	25.	1760
Edward IV	Mar			George IV		Jan.	29,	1820
Edward V			1483	William IV		June	26,	1830
Richard III	June	22,	1483	Victoria		June	20,	1837

## FEBRUARY.



OLD MODES OF LOCOMOTION .- COACH, TIME OF QUEEN ELIZABETH.

D.	D.	ANNIVERSARIES,	71.4	SUN.		мо	on.	DURATION OF	MOONLIGHT.	ніс	H WATER AT		D
OF	OF W.	FESTIVALS, OCCURRENCES, ETC.	Rises.	Souths	Sets.	Rises.	Sets.	Before Sunrise	After Sunset.	London Brid	e.   Liverp	ool Dock.	Day
		OCCURRENCES, ETC.		Noon.		Morn.	Morn.	O'Clock.	O'Clock.	Morn. Afte		Aftern.	Year.
1	Tu	John P. Kemble born, 1757	н. м. 7 42	м. в.	н. м.	н. м. 9 42	H. M. Morn.	ENVIRONMENT		11. 11.	м. н. м. 45 2 25		32
2	W	Purification of V. Mary	7 41	13 56	4 48	9 55	0 5	6			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 21	33
3	Th	Blasius, Bp. and Martyr	7 39	14 3	4 50	10 15	1 31	7			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		34
4	F	Fair on the Thames, 1814	7 37	14 10	4 52	10 10	2 59	0		7 37 8			35
5	S	Sir Robert Peel born, 1788	7 35	14 15	4 54	11 21	4 28	9	904		$\begin{bmatrix} 5 & 4 & 27 \\ 23 & 5 & 21 \end{bmatrix}$		36
6	#D C#	5TH SUN. AFT. EPIPHANY	7 34	14 19	4 55		5 42	10	988	8 38 9	3 6 39		
7	M	Charles Dickens born, 1812			ALL ALLES	Aftern.						1	37
8				14 23	4 57	1 41	6 39	12			8 19		38
9	It W	Half-Quarter Day	7 30	14 26	4 59	3 12	7 16		100	0 23 0			39
		Bishop Hooper burnt, 1555	7 29	14 28	5 1	4 43	7 42			1 26 1			40
1.0	Th	Queen Victoria married, 1840	7 27	14 29	5 3	6 13	8 0	15	111111	The second second	41 11 34	The same of the sa	41
11	F	Descartes died, 1650	7. 25	14 30	5 4	7 36	8 15	10	20 -11111	- 1-	22 —	0 18	42
12	S	Immanuel Kant died, 1804	7 23	14 29	5 6	8 57	8 27	TY TY	111111111111111111111111111111111111111	3 43 4	3 0 38		43
13	\$	SEPTUAGESIMA SUNDAY	7 22	14 28	5 7	10 14	8 38	18		4 21 4			44
14	M	St. Valentine	7 20	14 26	5 9	11 31	8 49	TE		4 57 5			45
15	Tu	Cardinal Wiseman died, 1865	7 18	14 24	5 11	Morn.	9 1	2			46 2 30		46
16	W	Melancthon born, 1495	7 16	14 21	5 13	0 47	9 16	2	7777		20 3 2		47
17	l'H	Ember Week	7 14	14 17	5 15	2 4	9 37	C			59 3 36		48
18	F	Luther died, 1546	7 12	14 12	5 17	3 16	10 6	2			50 4 15		49
19	1	Cethin Colliery Accident, 1861	7 10	14 7	5 19	4 23	10 44	2		8 23 9	3 5 6		50
20	3	Sexagesima Sunday	7 8	14 1	5 21	5 17	11 36	2		9 52 10			51
21	M	J. H. Newman born, 1801	7 6	13 54	5 23	5 57	Aftern.	20		11 30 -	7 59		52
22	It	Jupiter souths at 5h. 51m. a.m.	7 4	13 47	5 25	6 28	1 56	2		0 7 0			53
23	W	Cato-street Conspiracy, 1820	7 2	13 39	5 27	6 48	3 15	2	3	1 4 1			54
24		Cambridge Lent Term divides (midnight)	7 0	13 31	5 29	7 5	4 33	2:		1 45 2	4 11 1	11 20	55
25	1000	Sir C. Wren died, 1723 [sailles, 1871	6 57	13 21	5 30	7 18	5 51				37 11 37		56
26	1	Treaty of Peace signed at Ver-	6 55	13 12	5 32	7 29	7 10	1		2 52 3	7 -	0 8	57
27	2	Quinquagesima. Shrove	6 53	13 2	5 33	7 39	8 31	2			37 0 23		
28		Shirley Brooks d., 1874 SUN.	6 52		5 35	7 50	9 53	3			10 0 53		
29	Tu	Shrove Tuesday	6 50	12 39	5 37	8 3	11 18			4 27 4	45 1 26	1 43	60
1-	1	, om ore 2 months	10 00	112 00	10 01	100	111 10	2		1 1 -			



SYED BARGHASH BIN SAID, SULTAN OF ZANZIBAR.
FROM "THE ILLUSTRATED LONDON NEWS."

#### SOCIETIES AND INSTITUTIONS.

road. Sec., the Rev. A. Bourne, B.A.

Bourne, B.A.
Camden Society, 25, Parliamentstreet. Hon. Sec., Alfred Kingston.
Chemical Society, Burlington House.
Secs., W. S. Russell, and W. H.
Perkins.
Church Association 14, Parliandary

Perkins.
Church Association, 14, Buckinghamstreet, Strand. See., Major Ditmas.
Church Institution, 25, Parliamentstreet. See., Rev. Dr. Lee.
Church of England Education
Society, 11, Adam-street, Adelphi.
Sec., the Rev. Reginald Gunnery.
Church Missionary Society, Salisburysquare, Fleet-street. Hon. Secs.,
E. Hutchinson, Esq., and MajorGeneral Lake.

E. Hutchinson, 1834, General Lake.
Clergy Provident Society, 7, Whitehall. See., the Rev. Arthur J. Ingram, M.A.
Clinical Society, 53, Berners-street.
Hon. Sees., Dr. Southey and T. B.

Hon. Secs., Dr. Southey and T. B. Pick.

College of Preceptors, 42, Queen-square, Bloomsbury. Sec., C. R. Hodgson, M. A.

Congregational Union, 18, South-street, Finsbury. Sec., the Rev. Alex. Hannay.

Congregational Board of Education, College, Homerton. Sec., the Rev. W. J. Unwin, D.D.

Corporation of Sons of the Clergy, 2, Bloomsbury-place. Regis., C. J. Baker.

Deaf and Dumb Association, Oxfordstreet, W. Sec., Rev. S. Smith.
Ecclesiological, 78, New Bond-street.
Sec., the Rev. B. Webb, M.A.
English Church Union, 11, Burleigh-

street, Strand. Sec., Sir Charles Young.

Entomological Society, 11, Chandosstreet, Cavendish-square. Epidemiological Society, 11, Chandos-

Epidemiological Society, 11, Chandos-street, Cavendish-square.
Foreigh Aid Society, 10, Excter Hall;
372, Strand, W.C. Sec., Rev. R.
Burgess.
French Benevolent Society, 6,
Langham-street, W. Sec. A.
Hamonet.
Geological Society, Burlington House.
Assist. Sec., Lib., &c., W. S. Dallas.
Geologists' Association, University
College. Hon. Sec., W. H. Huddle-stone.

stone. Governesses' Benevolent Institution, 32, Sackville-street, W. Sec. C. W.

Gresham College, Gresham-street, E.C. Klugh.

Hakluyt Society, 37, Great Queen-street. Hon. Sec., Clement R. Markham.

Markham.

Harveian Society, Stafford Rooms,
Tichborne-street, W.

Home and Colonial School Society,
344, Gray's-inn-road, W.C. Sec.,
J. S. Reynolds.

Huntarian Society, Finchury circus

J. S. Reynolds. Hunterian Society, Finsbury-circus. Incorporated Church Building Society, 7, Whitehall. Chief Society, 7, Whitehal Clerk, M. H. Dunning.

Acclimatisation and Ornithological, the Cottage, St. James's Park. Hon. Sec., E. C. Ryley.
Additional Curates, 7, Whitehall. Sec., the Rev. A. J. Ingram, M.A. Anthropological, 4, St. Martin's-place, W.C. Sec., J. F. Collingwood, F.G.S.
Artists' General Benevolent Institution, 24, Old Bond-street, Sec., F. W. Maynard.
Art-Union of London, 444, West Strand. Hon. Sec., L. Pocock, F.S.A., and E. Antrobus.
Baptist Missionary Society, 2, Johnstret, Bedford-row. Sec., the Rev. Fred. Trestrail.
Birkbeck Literary and Scientific Institution, Southampton-buildings. Manager, G. M. Norris.
British Archæological Association, 32, Sackville-street, Sec., Edw. Roberts, F.S.A.
British Association for the Advancement of Science, Gen. Treas., Wm. Spottiswoode, F.R.S.
British and Foreign Bible, Blackfriars. Sec., the Rev. C. Jackson.
British and Foreign School, Boroughroad. Sec., the Rev. A. B. Bourne, B.A. Colours, 53, Pall-mall, S.W. See, H.F. Phillips.
Institution of Civil Engineers, 25, Great George-street, S.W. Sec., James Forrest.
Linnean Society. Burlington House, Lib., Richard Kippist.
London Institution, Finsbury Circus. See. and Sub. Lib., H. T. Williams.
London Library, 12, St. James's-square. See. and Lib., R. Harrison.
London and Middlesex Archeological Society, 22, Hart-street, Bloomsbury. Hon. Sec., T. Milbourn.
London Missionary Society, 8, Blomfield-street, Finsbury. Home Sees., Rev. J. S. Mullens and Rev. Robert Robinson.
Medical Society of London, 11, Chandos-street, Cavendish-square. Regist. and Sub-Lib., W. E. Poole. Meteorological Society, 50, Great George-street, Westminster. Sec., W. Marriott.
Metropolitan Sanitary Association, 1, Adam-street, Adelphi, Hon. Sec., Arthur Hall.
National Association for the Promotion of Social Science, 1, Adamstreet, Adelphi, W.C. Gen. Sec., C. W. Ryalls.

street, Adelphi, W.C. Gen. Sec., C. W. Ryalls.

Newspaper Press Fund, 55, Strand, W.C.

W.C.
National Society for Promoting the
Education of the Poor in the
Principles of the Established
Church, Sanctuary, Westminster.
Sup., E. Simpson.
Numismatic Society, 13, Gate-street,
Lincoln's-inn-fields. Lib., William

Blades.

Obstetrical Society of London, 53, Berners-street. Pathological Society, 53, Berners-

street.
Peace Society, 19, New Broad-street,
B.C. Sec., H. Richard.
Pharmaceutical Society of Great
Britain, Bloomsbury-square. Sec.,
E. Bremridge.
Philharmonic Society, St. James's
Hall. Sec., Stanley Lucas.
Philological Society, University Col-

lege.
Photographic Society of London, 9,
Conduit-street. Hon. Sec., H. Conduit-street. Hon. Sec., H. T. Friswell. Quekett Microscopical, University

Quekett Microscopicai, University College. Ray Society. Sec., Rev. T. Wiltshire. Lewisham, S.E. Royal Academy, Burlington House. Sec., F. A. Eaton. Royal Academy of Music, 4, Tenter-den-street, Hanover-square. Sec., J. Gill. J. Gill.

J. Gill.

Royal Agricultural Society of
England, 12, Hanover-square.
Sec., H. M. Jenkins.

Royal Archaeological Institute, 16,
New Burlington-street. Sec., B.

Willshoe

New Burningson Street, Willsher. Royal Asiatic Society, 22, Albemarle-street. Sec., J. Eggeling, Esq. Royal Astronomical Society, Somer-

Royal Botanic Society, Regent's Park. Sec., J. de Carle Sowerby, F.L.S.

F.L.S.

Royal College of Physicians, Pallmall East. Res. Off., H. Moody.

Royal College of Surgeons, Lincoln'sinn-fields. Sec., E. Trimmer

Royal Geographical Society, 15,

Royal Geographical Society, Whitehall-place. Librarian, J. H.

Lamprey.
Royal Horticultural Society, South
Kensington and Chiswick. Assist.
Sec., J. S. Davenport; Supt., Sec., J. S. Davenport; George Eyles; Chiswick do., A.F.

coint, Sec., Chaswick do., A.F. Barron.
Coiety, Sec., Charles L. Eastlake.
Charles L. Eastlake.
Charles L. Eastlake.
Royal Institution, Albemarle-street, Assist. Sec. and Lib., B. Vincent.
Assist. Sec. and Lib., B. Vincent.
Chief Chief Conductor Fund, 4, Adelphiterrace, Sec., Octavian Blewitt.

street, London. Regis., Trenham

Reeks.
Royal Society, Burlington House.
Assist. Sec. and Lib., W. White.
Royal Society for Protecting Life
from Fire, 66, Ludgate-hill. Sec.,
Charles Wright.
Royal Society of Literature, 4. St.
Martin's-place. Hon. Sec., Wm.
S. W. Vaux, F.S.A.
Royal Society of Musicians of Great
Britain, 12, Lisle-street, Leicestersquare. Sec., Stanley Lucas.
Royal United Service Institution,
Whitehall-yard. Sec. and Curator,
Capt. B. Burgess.

Capt. B. Burgess.
Royal Veterinary College, Collegestreet, Camden Town. Clerk, &c.,
Edward Cooke.

Russell Institution, 55, Great Coramstreet. Sec. and Lib., E. A.

street. Sec. and Lib., E. A. McDermot.
Society for the Encouragement of Arts, Manufactures, and Commerce, 18 and 19, John-Street, Adelphi. Sec., P. Le Neve Foster, MA.

Royal Medical and Chirurgical Society, 53, Berners-street. Assist. Resident, B. R. Wheatley. Royal Microscopical Society, King's College, Strand. Royal National Life-Boat Institution, 14, John-street, Adelphi. Sec., Richard Lewis. Royal Society for the Provention of Gruelty to Animals, 105, Jermynstreet, Sec., John Colam. Royal School of Mines. Museum of Practical Geology, Jermynstreet, London. Regis, Trenham Street, London. Regis, Trenham

Society of British Artists, Suffolk-street. Sec., T. Roberts. Society of Apothecaries of London,

street. Sec., T. Roberts.
Society of Apothecaries of London,
Water-lane, E.C.
Society of Engineers, 6, Westminsterchambers. Sec., P. F. Nursey.
Society of Painters in Water Colours,
Pall-mall East. Sec., A. D. Fripp.
Society of Schoolmasters, 4. Adelphiterrace. Sec., Octavian Blewitt.
Statistical Society, 12, St. James'ssquare. Assist. Sec., J. Whithall.
Sunday School Union. 56, Old Bailey.
Syro-Egyptian Society, 22, Hartstreet, Bloomsbury. Sec., the
Rev. J. Mills.
Victoria Institute, 13, Adelphi-terrace. Hon. Sec., Captain Petric.
Wesleyan Missionary Society, 17,
Bishopsgate-street Within. Sec.,
the Rev. L. H. Wiseman, M.A.
Widows' Relief Society, 32, Sackvillestreet, W. Sec., S. Rayson.
Zoological Society of London, 11,
Hanover-square. Sec., Dr. P. L.
Sclater, M.A.

Sclater, M.A.

#### AREA, POPULATION, AND VALUATION OF THE SCOTTISH COUNTIES.

Counties.	Population, 1871.	Acres.	Acres Cultivated.	Valuation.			
	PER CONTRACTOR			£			
11.	244,603	1,260,625	573,189	2,199,070			
Aberdeen	75,679	2,083,126	120,522	785,757			
Argyle	200,809	735,262	293,859	1,944,619			
Ayr		439,219	157,353	407,201			
Banff	62,023	297,161	184,211	668,496			
Berwick	36,486	143,997	22,966	132,317			
Bute	16,977 39,992	455,708	100,853	239,953			
Caithness		31,876	14,562	192,034			
Clackmannan	23,747	172,677	41,877	588,590			
Dumbarton	58,857		213,784	1,025,043			
Dumfries	74,808	705,946	127,669	5,597,064			
Edinburgh	328,379	234,926	104,149	389,626			
Elgin or Moray	43,612	340,000	229,752	1,586,944			
Fife	160,735	328,427		2,172,792			
Forfar	237,567	569,840	235,613	624,798			
Haddington	37,771	179,142	107,420 114,986	730,417			
Inverness	87,531	2,723,501		393,694			
Kincardine	34,630	248,284	116,912	109,231			
Kinross	7,198	49,812	33,874	614,489			
Kirkeudbright	41,859	610,343	164,221	10,369,366			
Lanark	765,339	568,868	227,218	344,970			
Linlithgow	40,695	81,114	53,612	73,133			
Nairn	10,255	137,500	24,494	117,917			
Orkney and Shetland	62,882	598,726	(84,328	66,134			
Orkney and Shedand			(51,884	219,252			
Peebles	12,330	227,869	37,053	1,745,007			
Perth	127,768	1,664,690	333,845	1,820,903			
Renfrew	216,947	162,428	90,224	1,620,303			
Ross and Cromarty	80,955	2,016,375	122,248	20,481			
			174,199	817,116			
Roxburgh	53,974	428,494	20,308	214,239			
Selkirk	14,005	166,524	104,228	848,773			
Stirling	98,218	298,579	23,126	118,466			
Sutherland	24,317	1,207,188	133,598	432,966			
Wigton	38,830	327,906	100,000	202,000			
	3,360,018	19,496,132	4,438,137	38,062,981			

#### DIRECTIONS FOR MAKING A WILL.

DIRECTIONS FOR MAKING A WILL.

A will cannot be made in language too simple or concise; it must be written with ink, on paper or parchment; and, if contained on one sheet, must be signed at the end by the testator in the presence of two or more witnesses and, if written on more than one sheets, the testator and the witnesses had better sign each sheet.

The writnesses must rigidly comply with every particular required by the attestation clause, at the end of which clause they must sign their names.

A codicil to a will is to be made with the same regulations as the will itself, and may be written thus:—This is a codicil to my last will and testament, bearing date the day of 18, and which I direct to be taken as part thereof. I give, devise, and bequeath, &c. As witness my hand this day of .

Obliterations or alterations are dangerous, and when of necessity made, ought to be signed by the testator and witnesses.

Marriage after making a will renders the will void.

It is not indispensable for a witness to know the contents of a will, which may be so folded as to prevent any other portion than the signature and attestation clauses being read.



# AN ACCOUNT OF THE GROSS PUBLIC INCOME OF THE UNITED KINGDOM OF GREAT BRITAIN AND IRELAND

In the Year ended June 30, 1875, and of the actual Issues within the same Period, exclusive of Sums applied to the Redemption of Funded or Paying off Unfunded Debt, and of the Advances and Repayments for Local Works, &c.

INCOME.			EXPENDITURE.
Customs Excise Stamps Land Tax and House Duty Property and Income Tax	19,413,000 27,492,000 10,626,000 2,489,000 4,012,000	s. d. 0 0 0 0 0 0 0 0 0 0	Interest and Management of the Per- 21,665,193 17 9 21,665,193
Post Office Telegraph Service Crown Lands (net)  Miscellaneous: Mijltary and Naval extra Receipts and proceeds of Old Stores sold	1,120,000	0 0 0 0 0	CHARGES ON CONSOLIDATED FUND.   Civil List
British Troops serving in that Country	691,000 10 6 582,654 19 2 > 4,091,013 138,578 0 0	9 3	Army Purchase Commission
per Act 24 Vict. c. 3	300,000   580,985 9 1)   75,516,013	9 3	Total Ordinary Expenditure
* This represents the receipts under this head	d for five quarters of the year.		Total Expenditure £75,516,013 9 3

In thirty years the annual expenditure of the country has increased by £15,000,000 In 1842 a penny in the pound of income tax produced £750,000, in 1875 it produced £2,000,000; but everything has proportionally risen in price. A man-of-war costs nearly five times as much as an old ship of the line, and the cost of guns and the price of smallarms have risen in nearly equal proportions. Among other items of increase pensions stand high; and from last year's Parliamentary paper on the subject, which occupies eighty-four folio pages, it appears that the actual amount paid at the close of last year reached the large total of £1,080,715. In each of four departments—the War Office, the Customs, the Inland Revenue, and the Post Office—the figures exceeded £100,000, while in the Admiralty they amounted to £98,939. Several very liberal pensions ceased in 1874, owing to the death of their recipients. Among the largest of these was a pension of £1300 to

the late Hon. G. Jerningham, Minister at Stockholm; one of £1400 to the late Mr. Maclean, Secretary to the Customs; one of £1541 to Sir Denis Le Marchant, Clerk to the House of Commons; one of £1800 to the late Mr. Abrahall, Commissioner of Bankruptey; one of £2500 to the late Sir A. G. Spearman, Controller of the National Debt; and last, but not least, one of £7352 to that leviathan pensioner, the late Rev. T. Thurlow, Patentee of Bankrupts. The common belief in the curious longevity of pensioners will, perhaps, receive fresh support from the fact that we are still paying £700 a year in pensions to the household of Princess Charlotte, who died no less than fifty-eight years ago. The large receipts of the Court of Chancery (£212,613) are insufficient to meet the costs of maintaining it by £50,143. The Lord Chancellor receives £6000 a year out of Chancery fees, and the Parliamentary return shows a number of extraordinary items of expenditure.

#### FRENCH DYNASTIES AND SOVEREIGNS.

THE MEROVINGIANS. Clovis, "The Hairy," King of the Salic Franks 428 Chilperic III, last of the race	Louis XVIII., re-entered Paris May 3 . 1814	Heir-expectant, Henry, Duc de Bordeaux, Sept. 29
Henry IV., "The Great," King of Navarre 1580 Louis XIII., "The Just" 1619	Louis XVIII., re-entered Paris May 3 1814	Committee of Public Defence, Sept. 4 1870 L. A. Thiers elected President Aug. 31 1871 Marshal MacMahon elected President July 1873

Finances of India.—The revenue of India for the financial year 1874-5 was estimated at £50,770,440, or £472.157 more than the revenue of the preceding year. The ordinary expenditure was £50,564,899, or £494,489 more than the income; and the extraordinary expenditure at £4,032.103, making a total expenditure of £4,557,002, or £4,526,593 more than the income; the total expenditure, however, being less by £362,226 than in the preceding year.—All the greatest items of revenue show an increase over the preceding year:—Land revenue £21,033,300; opium, £8,520,000; sat, £6,188,000; stamps, £2,779,000; Customs, £2,642,000; Excise on spirits and drugs, £2,395,000. The items of expenditure begin wift £9,546,418 for charges of collection and direct claims on the revenue under treaties and engagements, and including also £2,349,964 cost of opium, and £478,332 cost of sait. The charge for the Army is £15,491,403; but there is a credit on the other side of £935,337 under this head. The charge for the debt is £5,066,047, with £382,000 for interest on service funds, &c. Then come charges for administration,£1,600,261; law and justice,£2,282,723; superannuations,£1,790,863; loss by exchange,£869,000; famine relief,£2,440,136; allotments for provincial services,£5,123,900; public works, ordinary,£2,531,294; guaranteed interest on railways, less net traffic receipts,£1,132,355; State railways,£201,000, against which there is on the other side the receipt of £121,000.

Our Cotton Supply.—The Board of Trade "Statistical Abstract" gives the following account of our import of raw cotton in 1874. The import from the United States advanced to \$74,926,864 lb., an increase of 42,353,248 lb. over the preceding year. The import from British India, which amounted to 412,025,040 lb., shows the still larger increase of 44,375,298 lb. But the import from Egypt, amounting to 172,317,488 lb., shows a decrease of 32,659,648 lb.; and the import from other Mediterranean ports—viz., 2,195,312 lb., a decrease of 6,475,504 lb. The import of cotton from Brazil in 1874 recovered to 79,501,408 lb., an increase of 7,020,608 lb.; and the import from New Granada and Venezuela was 6,391,952 lb., an increase of 24,18,864 lb. The import from the British West India Islands and British Guiana fell to 502,768 lb., a decrease of 567,392 lb., is increase of 24,616 lb. The imports from all other countries declined to 18,588,304 lb., a decrease of 16,567,264 lb. Thus the total import of cotton in 1874 reached the very large, though not actually unprecedented, amount of 1,566,864,432 lb., being an increase of 39,268,208 lb. over 1873. But the export of cotton from the United Kingdom reached 258,967,632 lb., an increase of 38,967,632 lb., was but 300,832 lb. more than in 1873.

MARCH.



OLD MODES OF LOCOMOTION. - RIDING ON A PILLION.

			sun.				MOON. DURATION OF MOONLIGHT.				1	HIGH W	ATER AT	HIGH WATER AT			
D. OF	D. OF	ANNIVERSARIES, FESTIVALS,	Diese	Souths	0.4	Rises.	Sets.	Before Sunrise.	100	After Sunset.	London	Bridge.	-	ool Dock.	Day		
м.	w.	OCCURRENCES, ETC.	Rises.	Noon.	Sets.	Morn.	Morn.	O'Clock.	Moon' Age.	O'Clock.	Morn.	Aftern.	Morn.	Aftern.	Year.		
1	w	St. David. Ash Wednesday	н. м. 6 48	м. в.	н. м. 5 39	н. м.	н. м. Morn.	0 2 3 4 5 6	THE PERSON	6 7 8 9 10 12	н. м.	н. м. 5 19	н. м.	н. м.			
2	Th	Chad, Archbishop	6 46	12 15	5 40	8 45	0 47		5		5 2 5 37	5 56	2 1 2 35	2 18 2 53	61		
3	F		6 44	12 2	5 42	9 17	2 15		6			6 42			62		
4	S	Waller born, 1605 War with Burmah commenced,	6 42	11 49	5 43	10 10	3 31		0			-		3 34	63		
	3	1824	6 39	11 35	5 45	11 21	4 32		8		7 10	100000000		4 26	64		
6	M	QUADRAGESIMA. 1STS.INL Artemus Ward (Charles Brown)	6 37	11 20		77			9		8 22	9 11	4 57	5 38	65		
	Tu	died, 1867	6 35		5 47	Aftern.	5 15		10		10 8	11 3	6 27	7 24	66		
7		St. Perpetua		11 6	5 49	2 14	5 45		11		11 50	-	8 19	9 6	67		
8	W	Mercury souths at 10h. 28m. a.m.	6 33 6 30	10 51	5 51	3 43 5 7	6 5		12		0 24	0 53	9 40	10 9	68		
9		T. Ingram died, 1872			5 52		6 20		13		1 19	1 42	10 35	10 58	69		
10	F	Benjamin West died, 1820	6 27	10 19	5 54	6 30	6 33				2 3	2 23	11 19	11 39	70		
11	S	Tasso born, 1544	6 25	10 3	5 56	7 50	6 44		15		2 42	2 59	11 58	-	71		
	3	2ND SUNDAY IN LENT	6 22	9 47	5 58	9 8	6 55	8	16		3 16	3 33	0 15	0 32	72		
	M	Uranus discovered, 1781	6 20	9 30	5 59	10 26	7 7	1 2 2 2	17		3 50	4 7	0 49	1 6	73		
14	Tu	King of Sardinia born, 1820	6 17	9 13	6 1	11 44	7 21		18		4 24	4 39	1 23	1 40	74		
	W	Earl St. Vincent died, 1823	6 15	8 56	6 3	Morn.	7 38		19		4 54	5 9	1 55	2 10	75		
	TH	Duchess of Kent died, 1861	6 12	8 38	6 5	0 59	8 4		20		5 24	5 41	2 25	2 40	76		
17	F	St. Patrick	6 10	8 21	6 7	2 8	8 38		21		5 58	6 18	2 57	3 14	77		
18	S	Princess Louise born, 1848	6 8	8 3	6 9	3 7	9 25		0		6 41	7 6	3 34	3 57	78		
	\$	3RD SUNDAY IN LENT	6 6	7 45	6 11	3 55	10 25		23		7 37	8 16	4 22	4 53	79		
	M	Spring commences	6 4	7 27	6 13	4 28	11 36		24		9 2	9 57	5 32	6 18	80		
21	Tu	St. Benedict	6 1	7 9	6 14	4 53	Aftern.		25		10 47	11 31	7 13	8 3	81		
22	W	William I. of Prussia born, 1797	5 59	6 51	6 16	5 10	2 11		26		_	0 5	8 47	9 21	82		
23	Th	National Gallery founded, 1824	5 56	6 33	6 17	5 24	3 29		27		0 31	0 53	9 47	10 9	83		
24	F	Queen Elizabeth died, 1603	5 54	6 14	6 19	5 37	4 50		28		1 13	1 31	10 29	10.47	84		
25	S	Annunciation. Lady Day	5 52	5 56	6 20	5 47	6 11		0		1 50	2 5	11 6	11 21	85		
26	8	4TH SUNDAY IN LENT	5 49	5 37	6 22	5 59	7 33		1		2 20	2 35	11 36	11 51	86		
27	M	Earl of Cardigan died, 1868	5 47	5 19	6 23	6 11	9 1		2		2 52	3 8	-	0 8	87		
28	Tu	Raphael born, 1483	5 44	5 1	6 25	6 26	10 30		3		3 24	3 42	0 24	0 40	88		
29	W	Rev. J. Keble died, 1866	5 42	4 42	6 26	6 48	Morn.		4		4 0	4 19	0 58	1 16	89		
30	Th	Length of night, 11h. 12m.	5 40	4 24	6 28	7 18	0 2		5		4 38	4 57	1 35	1 54	90		
31	F	Treaty of Paris, 1856	5 37	4 6	6 30	8 4	1 22		6		5 17	5 39	2 13	2 33	91		



HARDLY EARNED. BY MISS L. STARR. FROM "THE ILLUSTRATED LONDON NEWS."

#### OUR COLOURED ILLUSTRATIONS. THE CHILDREN'S YEAR

"The whole year! Every season for the children, say I!" and "The whole year! Every season for the children, say 1! and she who spoke was a poor old cripple, in a faded charity gown of blue printed calico, with a shawl of dull red serge, for that was the garb of twelve aged widows inhabiting the row of almshouses founded by Dame Alice Bernard, in the village of Bullockstile. "Let the children play and enjoy theirselves all times of the year," repeated this kind old soul, our friend and former household servant, dear old Margy Wilsey, who nursed our own children fifteen or twenty years ago. We, of course, agreed with good old Margy, for we had always found her in the right where matters of the

for we had always found her in the right where matters of the heart and of common good feeling were concerned.

"I'm such a useless old woman now," she continued; "there's nothing for me to do all the year round (which I've run through seventy-four years of my own) but to look on at the dear children enjoying of theirselves, when so be it's fine weather and God Almighty's blessed sun be pleased to shine down upon them, in spring, summer, autumn, and winter, as is sure to come round in their righteous turn. Apren

their righteous turn—Amen.

"I goes to the meadow stile—you know where it be—well-nigh so far as I can hobble there upon my crutch and stick; and there it looks all fresh and beautiful in the month of May, when all the golden-cups and the gold and silver daisies be coming up to see the sun, and keep company with the sweet green grass. And there I see that dear little Rosy, that was two years born into this world in the Christmas week before, and her mother had six of 'em in

eight married years; and her two sisters, Mary and Jane, they were busy making that dear child a crown of golden flowers.

"That was a fine spell of bright sunshine weather for the hay that we got in the first week of July, when Farmer Sowton cut his ten-acre piece on the Monday; and he sent in most all the spare hands of the parish—men, wives, boys, maids, and children—to help in the spreading and tedding, and then to cart and carry. But this poor old woman me you see here that can't hardly stand, was this poor old woman, me you see here, that can't hardly stand, was bid to be there to look on, and to keep an eye on the little young ones, while their mothers and big sisters was busy in the work. And there I see that dear little Totty, and with her was Polly Madder, that had brought her father's dinner in the basket; and both rolling and tossing theirselves in the sweet new-mown grass, that cometh up and withereth as the life of man; and they was so full of their fun that Polly laughed and Totty crowed, till Jacky Madder he run up, and he buried 'em both for dead in mountains

Madder he run up, and he othered ein both for dead in hothicans and heaps of hay, but they got up more alive than ever.

"I mind, too, once in October, I was a sitting by myself in the Nether Wood-lane, waiting for George's donkey-cart to give my poor old body a lift to the village. And there I see young Charley and Tom Soper, they had got both their caps full of things out of and Tom Soper, they had got both their caps full of things out of the hedge and the copse, acorns and hazelnuts, and hips and haws, and berries of the wild bramble that grows of its own free will. And I says to 'em, 'What's all that for?' And they says to me, 'It's collection for Mr. Parker at the school.' And I laughed right out; but then Charley he says, Mr. Parker's going to speechify to folk, with a lecture on Bottomy, and wants these to show folk how the plants keep their seeds in the fruits, and spring up and ingresses an hundredfold Amen. So I was glad to think how the how the plants keep their seeds in the truits, and spring up and increase an hundredfold, Amen. So I was glad to think how the lads would get their learning, and hope they labour truly to earn their own living, and do their duty in that station, Amen. That's what I see the children do in last autumn season; but Mr. Parker drew some beautiful pictures of them things in the Illustrious London Almanack, and he called it 'Fruit and Leaf Pieces,' as I've heard tell.

neard tell.

"In the winter season, too, there was grand fine play for many of
the boys and girls who didn't mind the cold, bless your heart; and
with sliding and snow-balling, and all their fun, if you wasn't a
very old body to be sure, it would make you warm to see. But
then, being old myself, it was too cold for me to stop long out of
door. Only then I could look out of window as I sat by my fire,
the myselfitth perform they're granted me wherein to dwell we in the snug little parlour they've granted me wherein to dwell by the gentlemen trustees' gracious bounty, Amen! And there I see Miss Addy and her little sister, that is our parson's two youngest daughters, and dear kind little young ladies; they had come out in the pelting snow to feed the blessed dickey-birds with a piece of lived off their own breakfasts. Here the Children of Marchine and the control of their own breakfasts. Here the Children of Marchine and the children of the children of Marchine and the children of the in the pelting snow to feed the blessed dickey-birds with a piece of bread off their own breakfasts, like the Children of Mercy in the picture-book. And the little one she stops and calls out 'Dog, dog!' when she sees Mr. Miller's Topsy, that was standing and hankering like for their piece of bread. So Topsy goes over to the children, wagging her tail and licking her lips; and Miss Addy says, 'Yes, we've a bit for you, Topsy!' And I see both the little girls break off their morsels for Topsy; but I think it was too dry for Topsy, for she only smelt the bread, and then licked their dear little hands, wagging her tail to say 'No, thank you,' and so went back in at Mr. Miller's street door.

"That was some of the dear children's games and pleasures, that I stop to see all through the blessed long year, so to call it, that is Spring, Summer, Autumn, and Winter; a long year to them who are young, but short is the year to me, though long have I been spared, and soon will it be my last on this here natural earth; but may the Lord grant we all be as little children in Heaven, Amen!"

FRUIT AND LEAF PIECES.

Three of our Colour-Printed Illustrations consist of natural-looking pictures of some familiar botanical objects, which may as well be taken together in whatever is worth saying about them. Acorns, and the bramble and other common berries, with that called the strawberry, which is properly not a berry, as they say; and the drupes or stone-fruit of a species of palm, dropped by chance amidst the foliage of the Lamium purpureum, or red dead nettle—these are the simple themes of our present brief remarks. But Nature has a way of putting a great deal of wonderful and beautiful contrivance into very ordinary things of life. belongs to the vegetable reproductive processes and their organic instruments, the flower, the fruit, and the seed of plants, is a perpetual miracle, far transcending the stupendous display of merely physical forces in the solar system and the stellar universe to our farthest ken. There are mysteries here quite beyond the reach of

The mighty British oak, as must have been discerned by a superficial observer, has a variety of forms in this country. But they may be resolved into the two principal kinds—wavy-leaved and flat-leaved; the former being a massive tree of wayward and irregular growth, with very tortuous branches, and with its leaves all lying in different planes. The flat-leaved oak has a more compact and symmetrical form, with branches nearly horizontal, and the leaves disposed in parallel directions. Now, one feature of botanical definction between them is found in the sessile or stalkless tanical dstinction between them is found in the sessile or stalkless position, in the flat-leaved oak, of its little yellowish tufted catkins, which must pass for flowers. The oak-nut, or acorn, in this case has to do without peduncles, but is shorter and thicker than the acorn of Querous robus. This may not at first sight appear such a stupendous fact as to demand that we should wonder at it; but if we compare the acorns of the two different species, cutting them open and dissecting the embryo itself, will any microscope reveal to us the source of their essential variation? So likewise in the reproduction of the animal races, and the races, nations, and families of mankind, and even the offspring of individual human parents, it is a marand even the offspring of individual human parents, it is a marvellous secret of nature by what means the special characteristics of each variety are maintained through successive generations.

Instead of these acoms, let us fancy a few clusters of hazel-nuts, thrown upon the ground along with those sprigs of bramble, loaded with such ripe and luscious blackberries, above which a belated butterfly is tempted to pause in his last lingering flight. They are more likely to be seen lying under the same hedge-row; and the school-horiz aroutite for matic deinties will have associated those notes. boy's appetite for rustic dainties will have associated these nuts boy's appetite for rustic damties will have associated these nuts and berries in many a pleasant remembrance of the plucking and eating thereof. From a botanical point of view, however, the acom and the hazel-nut may equally be regarded as examples of one form or mode of structure for the protection of seed—namely, that by which it is encased in a hard outer shell. The fruit, or seed-covering and seed-nourishing egg, so to speak, of a vegetable, which belongs to the different rosaceous plants, shows many varieties of structure—as in the hips and haws of roses and briars, the cherry, the apple, the plum, the strawberry, the raspberry, and others of the same order, of which we are indebted for so much that delights the palate and to which we are indebted for so much that delights the palate and every sense. In the arrangement of the embryonic parts, with relation to the store of albuminous substance by which their life every sense. In the arrangement of the embryonic parts, with relation to the store of albuminous substance by which their life and growth must be sustained, there is scope for great apparent differences of method; but the principle is alike in every kind of fruit. It is the case and the food of the seeds that we most readily distinguish. Sometimes, as in the pod of a pea or bean, the seed-vessel is made to open by its own valve-action, so as to drop the bare seeds from their placental attachment to the sides of its womb. In other cases, as in all proper berries, such as the currant, the grape, and the gooseberry, a mass of pulp or sweet liquor, in a globe of soft membranes, surrounds the seeds of the plant, just as the yolk of an egg floats in its closed cup of nutritious liquid. Neither of these forms occurs in that great family of plants to which the bramble is referred. The blackberry, the raspberry, and the strawberry are not true berries, any more than the peach or the pear. Here, indeed, in the stone-fruit of the one and in the pome of the other last mentioned, we find two distinct modes of accommodating the seed, which is their kernel, imbedded centrally within the solid flesh. The kernel of a peach-stone has the same germinating function as the pips of an apple; but it is not exactly equivalent to the kernel of a nut, for that contains not only the seed, but also the feeding substance provided to maintain the embryonic growth. The stony case must decay—for it refuses to open—before ever the seed of a peach-tree or a cherry is allowed to strike into the earth and to raise its plumules into the air, exerting itself for its own livelihood. How unlike the position of leguminous seeds or the grains of an ear of corn, which are scattered with a shake or burst, and thrown loose unlike the position of leguminous seeds or the grains of an ear of corn, which are scattered with a shake or burst, and thrown loose upon the world to take care of themselves! The fleshy pulp or juice upon the world to take care of themselves! The fleshy pulp or juice of succulent fruits, when left to rot upon the ground, mingles with the soil in which their seed has to grow; and the future plant is thus richly nourished with the best possible manure.

The bramble, with its fruit and flower, so common in our English rural scenery, is a plant that we should ill exchange for the exotic wonders of a tropical clime, represented in the hot-houses at Kew.

Indeed, by its extensive family connection, including some of the

choicest beauties and treasures of our native flora, this homely creeper deserves no small regard. As for its fruit, when gathered perfectly ripe, if it be combined with slices of apple in a tart, the result is highly agreeable. There is but one thing better—the mixture of raspberries and red currants, in tart or pie, which affords to the healthy palate of childhood a rapture of surpassing joy. It would indeed be ungrateful to refrain from mentioning joy. It would indeed be ungrateful to refrain from membering these particular gifts and graces of the honest British bramble and unsophisticated blackberry, to which, as Dick Swiveller would say, "the minions of fashionable luxury are strangers." No such plea is needed for giving a place of honour to the strawberry, which is everybody's favourite eating in summer—how soon it is gone from among us!—and the leaf of which has been chosen by heraldic invention for the symbolic ornament of a lofty rank in the aristhe armster of the symbolic ornament of a lotty rank in the ansteoracy of this realm. It has also a pretty blossom, which nobody will, indeed, be so foolish as to gather, in preference to waiting for the promised fruit. Once more reverting to the points of botanical analogy, it is worthy of remark that the seeds of the strawberry are placed on the outside of the succulent receptacle which supports them, the enlarged growing point of the flower. This is a different constitution from any of those before noticed.

The nettle tribe are by no means so popular, and children often pursue this weed with vengeful execuations, for the stings it has inflicted upon their tender skins; but it is a herb of some beneficent The medicinal virtues of its juice and seeds in the case of disagreeable swellings and tumours have been attested by physicians of repute; and many an old woman has a word of praise for nettle-tea, or nettle-broth. The stalk-fibres make good cord—indeed, hemp is a kind of nettle. The poison which stings in the nasty nettle is contained in tiny bags at the roots of the hairs, or bristles, which grow upon every leaf. This is the Urtica, or true nettle; but the plant shown in our Coloured Illustration is a Lamium, one of several different species of a stingless plant, which Lamum, one of several different species of a sungless pane, these foliage similar in appearance to that of the stinging nettle. has foliage similar in appearance to that of the stinging nettle. They are called dead nettles, because they do not sting. The red dead nettle has flowers of a reddish purple hue, and its leaves are dull green, but slightly tinged with purple. There is a nettle-tree in Australia which grows 150 ft. high, and your hand is paralysed if you only pluck a leaf. Yet the same botanical family includes such agreeable plants as the fig, the mulberry, and the breadfruit-tree. Some of the most beautiful of our summer butterflies are constant visitors to the nettle, which supplies their chief food. stant visitors to the nettle, which supplies their chief food.

# OLD MODES OF LOCOMOTION.

ANCIENT BRITONS IN THEIR CORACLES.

From the accounts given us by the Romans we learn that the Britons excelled in basketwork. They constructed canoes of osier, britons exceined in basketwork. They constructed cames of osier, covered with skins of animals, and in these they paddled about the rivers, creeks, and fens of their country. Such vessels are still used by Welsh fishermen. The cwrwyyl is probably identical with the portable boats used by the Piets and Scots in crossing the rivers to

#### COACH OF THE TIME OF ELIZABETH.

During the whole of the early times of English history, through the Middle Ages till the end of the reign of the Tudors, and even the Middle Ages till the end of the reign of the Tudors, and even to the beginning of the eighteenth century, riding on horseback was the only mode of land travelling generally available for long distances. Chaucer describes the Canterbury Pilgrims, of both sexes, as performing the journey in the saddle. Stow tells us in his "Chronicle" that coaches were first introduced into England in 1564. They were merely covered waggons, laid upon the axles without springs, and, even at a funeral pace, must have jolted most out springs, and, even at a funeral pace, must have joited most abominably. The Elizabethan coach could only with great difficulty traverse the streets of London, considering that these were described in a Paving Act of the period as "very foul and full of pits and sloughs, very perilous and noyous." Whenever these clumsy machines ventured into the open country, except in the driest weather, they almost invariably came to grief.

#### RIDING ON A PILLION.

Whilst stage-coach conveyance was only available along a very whilst stage-coach conveyance was only available along a very limited number of roads, and during that still earlier period when such roads as really existed were impassable for wheeled carriages, women were accustomed to ride behind one of the ruder sex on what was called a pillion (from pillow). This is defined by Johnson as a soft saddle set behind a horseman for a woman to sit on. Even as a sort saddle set behind a horseman for a woman to sit on. Even Queens, on long journneys, preferred a seat on a pillion behind one of their officers to any other mode of conveyance. When Katharine of Spain came over, in 1501, to marry Arthur, son of Henry VII., she rode on a horse from the Tower to St. Paul's "with the pillion behind a lord named by the King." A similar method of riding is not obsolete even in the present day in remote country districts, if we may trust to certain representations of weddings in North Wales, where the bride and bridegroom are depicted as callening furiously. where the bride and bridegroom are depicted as galloping furiously from a church, the former keeping her seat in a manner that we should conceive impossible to any but a professional circus-rider.

#### THE SEDAN-CHAIR.

Sedan-chairs were first seen in England when Charles, son of James I., on his return from Spain, brought with him three spe-

cimens of a peculiar character, somewhat resembling the Indian palankeen in the manner in which they were carried. The favourite, Buckingham, being in the habit of travelling about London in one of these, was abused by the populace for turning men into "slaves and beasts of burden." In spite, however, of popular clamour and and beasts of burden." In spite, however, of popular clamour and the furious opposition of coach-drivers, this new and handy method of travelling steadily grew into favour. The frontispiece of a tract published in 1636, and entitled "Coach and Sedan Pleasantly Disputing for Place and Precedence," represents the form of the bispitting for race and Precedence, represents the form of the sedan and its bearers touting for custom. The mode of carrying was the same as that adopted in the later sedans. In the eighteenth century we find that the sedan, though considerably altered in form from the original type, had become a universal mode of con-The state of veyance for the higher and middle classes of society. The state of the pavement in the metropolis and the chief cities of Great Britain caused the sedan to be preferred, both for comfort and safety, to every description of coach. As there were no footpaths, and only a line of posts in the principal streets to protect pedestrians, none would even walk any distance who could afford to hire a sedan. The London chairmen were a numerous and influential body. Those who were in the service of the aristocracy had their gorgeous liveries, epaulettes, and cocked-nats. The hackney chairmen pervaded the neighbourhood of tavern doors, where they The hackney waited to be hired. They were chiefly Irishmen, and were distinguished by their muscular development, especially in the calves of their legs. That they were popularly believed to be somewhat given to insolence may be gathered from an incident in one of Smollett's novels, where, in retaliation for the hero having been insulted by two elegions. insulted by two chairmen, the man who acts as his servant and trusty henchman conceals a number of heavy weights about his person, and hires the delinquents to carry him a certain distance. Staggering under the unusual load, each chairman suspects his comrade of not taking his fair share of the burden, and begins to comrade of not taking his fair share of the burden, and begins to abuse him accordingly. The strife waxing hotter, the two belligerents ultimately set down both box and passenger, in order to settle the dispute with their fists; whilst the real author of the quarrel quietly slips away, having deposited his weights in the chair for the subsequent enlightenment and consolation of the mutually-battered disputants.

#### THE OLD STAGE-COACH.

The stage-coach of the eighteenth century had very little in mumon with the mail-coach of the nineteenth. In Hogarth's common with the mail-coach of the nineteenth. Country Inn Yard we have a representation of these vehicles, which explains the fact that no one with the smallest power of bestriding a horse would ever have thought of making use of them. From the "Tales of an Antiquary," published in 1828, we obtain a description of the stage-coach of Hogarth's time." The roofs of the coaches, in most cases, rose into a swelling curve, which was sometimes surrounded by a high iron guard. The coachman and sometimes surrounded by a high iron guard. The coachman and the guard, who always held his carbine ready cocked upon his knee, then sat together; not, as at present, upon a close, compact, variable. nished seat, but over a very long and narrow boot, which passed under a large spreading hammer-cloth. Behind the coach was the immense basket, stretching far and wide beyond the body, to which it was attached by long iron bars or supports passing beneath it. The wheels of these old carriages were large, massive, ill-formed, and usually of a red colour; and the three horses which were affixed to the whole machine—the foremost of which was helped onward by carrying a huge, long-legged elf of a postillion, dressed in a cocked-hat, with a large green and gold ridingcoat—were all so far parted from it by the great length of their traces that it was with no little difficulty that the poor animals dragged their unwieldy burden along the road. It groaned and creaked at every fresh tug which they gave it, as a ship rocking or beating up through a heavy sea strains all her timbers, with a low moaning sound, as she drives over the contending waves." To this very cheerful picture of the delights of the road at this epoch we may add that the unfortunate passengers might expect the monotony of their journey to be broken at any moment by the appearance upon the scene of the regulation highwayman of the period, the supposed valour of the guard, with his formidable-looking blunderbuss, turning out to be a sname and a delusion, and vanishing at once before the threatening pistol of the Claude Duval or Dick Turpin of the hour, when a compulsory handing out of purses would immediately ensue.

#### THE PACK-HORSE 'TRAIN.

In McCulloch's account of the British Empire we read that "It was not till after the Peace of Paris, in 1763, that turnpike roads began to be extended to all parts of the ki ngdom." It is not surprising, therefore, that the old method of tra asporting goods on the prising, therefore, that the old method of tra asporting goods on the backs of horses should have been practised 7, p to a comparatively recent period. Passengers also frequently a valled themselves of this primitive mode of travelling. Smollett's R oderick Random is described as riding from Scotland to Newcasth -on-Tyne, sitting upon a pack-saddle between two baskets, one of which contained his goods in a knapsack. The pack-horses trave lled in gangs of thirty or forty, walking in a single file. The leading and most experienced horse carried a number of bells as a guide for those

(Continued on page 16.)

### APRIL.



OLD MODES OF LOCOMOTION.—SEDAN CHAIR, 1636.

_	,	-	***	1 1 1 1	SUN.	T IN E	Mo	ON.	DURATION OF	MOONLIGHT.	нісн ч	ATER AT		Day
B.	I		ANNIVERSARIES, FESTIVALS,	-	Souths		Rises.	Sets.	Before Sanrise.	After sunset.	London Bridge.	Liverpoo	ol Dock.	of Year.
OF M.			OCCURRENCES, ETC.	Rises.	after Noon.	Sets.	Morn.	Morn.	Before Sanrise. oo W	O'Clock.	Morn. Aftern.	Morn.	Aftern.	
-	-			н. м.	M. 8.	н. м.	н. м.	н. м.	- I management		н. м. н. м. 6 4 6 31	н. м. 2 55	н. м. 3 20	92
1	18	3	All Fools' Day	5 36	3 48	6 33	9 8	2 28	C C		7 2 7 41	3 47	4 18	93
2	6	3	5TH SUNDAY IN LENT	5 34	3 30	6 35	10 29	3 15	8		8 27 9 18		5 43	94
1			Richard, Bishop	5 32	3 12	6 37	11 57	3 48	5				7 29	95
4	1	(t)	Oliver Goldsmith died, 1774	5 29	2 54	6 38	Aftern.	4 10	1			8 16	8 55	96
1	V	V	Venus souths at 2h. 50m. p.m.	5 27	2 36	6 39	2 49	4 27			11 39 — 0 8 0 35		9 51	97
1		н	Old Lady Day	5 25	2 19	6 41	4 9	4 40	1				10 36	98
1		F	Cambridge Lent Term ends	5 23	2 2	6 42	5 28	4 52	1	3	0 58 1 20		11 14	99
1 8			Oxford Lent Term ends	5 22	1 45	6 44	6 46	5 3			1 40 1 58		11 46	100
1		3	PALM SUNDAY	5 20	1 28	6 46	8 4	5 13			2 14 2 30			100
10		M	Battle of Toulouse, 1814	5 18	1 11	6 47	9 23	5 26			2 46 3 4	The same	0 2 0 36	101
1		[b	Battle of Ravenna, 1512	5 16	0 55	6 49	10 39	5 44	1	71111 11111 1111 1111 1111 1111 1111 1	3 20 3 36	-		102
19		V	Prince Frederick of Prussia born,	5 13	0 39	6 50	11 52	6 5			3 52 4 8		1 8	103
1:		н	1866 Handel (composer) died, 1759	5 10	0 24	6 52	Morn.	6 36			4 24 4 40		2 13	104
1		F	Good Friday	5 7	0 9	6 54	0 57	7 16	2		4 57 5 1		2 46	106
1		s	Law Easter Term begins	5 5	before Noon.	6 55	1 49	8 10	2		5 30 5 50		3 30	107
1		3	EASTER SUNDAY	5 3	0 21	6 57	2 27	9 18			6 14 6 4		4 26	107
1		M	Benjamin Franklin died, 1790	5 1	0 35	6 58	2 55	10 31	2	3	7 10 7 4		5 40	109
1		Tu	Abernethy died, 1831	4 59	0 49	7 0	3 14	11 48	2		8 24 9 1		7 16	110
1		W	Oxford Easter Term begins	4 57	1 2	7 2	3 30	Aftern.	2		10 0 10 4		8 32	111
2		ГH	Emperor Napoleon III, born, 1808	4 55	1 15	7 3	3 42	2 25	_ 2	6	11 16 11 4		9 21	112
2		F	Cambridge Easter Term begins	4 53	1 27	7 5	3 52	3 44	2	7			10 2	113
100		S	T. H. Bailey died, 1839	4 51	1 39	7 6	4 4	5 6	7	8	0 26 0 4		10 39	114
		5	Low Sunday. St. George	4 49	1 50	7 8	4 17	6 32	2	9	1 5 1 2		11 16	115
		M	Daniel Defoe died, 1731	4 47	2 1	7 10	4 31	8 4			3			116
		Tu	St. Mark	4 45	2 12	7 11	4 50			1	2 18 2 3		0 12	
		W	Princess Alice (of Hesse) born,	4 48	2 22	7 13	5 17	11 6		2	2 56 3 1			
		Th	Philip the Bold died, 1404	4 41	2 32	7 14	5 58			3	- 00 1			
	28	F	Mutiny of the Bounty, 1789	4 39	2 41	7 16			THE SHIPSHIP SHIP SHIP	4	4 22 4 4	4 2 2		
	29	S	Emperor of Russia born, 1818	4 3	2 49	7 18	8 17	1 13	3	5		4 2 50		
		2	2ND SUNDAY AFT. EASTER	4 3	2 5	7 7 20	9 4	1 49	9		] 6 2 6 3	1 2 00	0 10	, 121
1	00	0	The state of the s		100				Control of the second second					



THE ORPHANS. BY J. A. RAEMACKERS.

FROM "THE ILLUSTRATED LONDON NEWS."

(Continued from page 13.)

which followed him and also as a warning to travellers coming in which followed him and also as a warning to travellers coming in an opposite direction, who were expected to step off the narrow causeway until the whole train had passed. When two strings of pack-horses met in this way a quarrel between the drivers of the respective gangs must have been all but inevitable, and, as these worthies had a much greater acquaintance with the fortiter in rethan with the snaviter in modo, a free fight was the ordinary wind up of the contravers. up of the controversy.

#### THE OLD LONDON WATERMAN.

Formerly the Thames was the great highway for metropolitan locomotion; its banks were lined with the mansions of the great, the nobles kept their own barges, and the old London waterman and his wherry were the general and universal medium of conveyance: what the cabmen is to the Londoner of the present day, the waterman was to the general public of his own time. But with waterman was to the general public of his own time. But with the advent of coaches, the improvement of the streets (whereby the use of them became more of a possibility), the extensive employment of sedan-chairs, the increase of bridges, and, above all, the introduction of steam-boats, a slow but steady decline of the waterwave trade component and continued. and, the introduction of steam-boats, a slow but steady decline of the waterman's trade commenced, and continued in an ever-accelerating pace; they themselves gradually dwindling away in numbers and importance. Diddin's "jolly young waterman," who was "always first oars with the fine City ladies," belongs to the past; practically, both he and his "trim-built wherry" have dis-appeared from the "silent highway;" and the champion sculler of England is now most frequently a brawny Tyneside ironworker, or some other landsman from north or south, who at first took to rowing as an amusement—anyone, in short, but a Thames water-

#### GENTLEMAN'S CARRIAGE OF THE EIGHTEENTH CENTURY.

This was a cumbrous and gaudy piece of architecture, somewhat resembling the Lord Mayor's coach of modern times. Glass windows were first added to coaches at the beginning of the seventeenth century, and springs about forty years later; so that in the time of Anne and the first two Georges the gentleman's carriage, though Anne and the first two Georges the gentleman's carriage, though still a heavy barbaric concern, was an improvement on the jolting waggons dignified by the name of coaches in the days of Queen Bess. Under the seat of the coachman was carried a box (hence the name of coach-box) for containing the hammer and other tools that might be wanted to repair damages. This was concealed by the hammer-cloth, which name is still retained in carriages of the present day, though no modern John is expected to be an accomplished carpenter and wheelwright as well as an experienced charioteer. Nor was this all unnecessary. The travellers in coaches had many perils to encounter from collisions with reckless carmen by day and from dimly-lighted holes and pits in the road by night, to which the modern Londoner is a stranger. by night, to which the modern Londoner is a stranger.

#### THE PASSENGER HOY.

Before the appearance of the now familiar steam-boats, the passenger traffic down the River Thames was carried on not only by means of the watermen's wherries, but also in barges and what were called tilt boats—that is, undegled vessels provided with an awning. These were superseded by the hoys, which were a larger species of craft with a deck vessels of the sloop order. The name hoy is derived from the old French word hou, which possibly has some connection with the word honari in the same language, signifying a pleasure boat, of which our word wherry is an evident corruption. These hoys continued to ply without any competition until the appearance of the first Gravesend steamer in 1816. This latter was a vessel of about 70 tons burden and 14-horse power. As the number of steamers increased, the sailing passage boats gradually declined, and entirely died out in 1834. The old Margate hoy continued to sail long after Margate had risen to the position of a fashionable watering place. She often took two days for the voyage and although, in fine weather and with a favourable wind, this method of reaching the Isle of Thanet might be agreeable enough to all who were proof against sea-sickness, yet, under the influence of contrary winds or a dead some connection with the word houari in the same language, signisea-sickness, yet, under the influence of contrary winds or a dead calm, such a mode of spending one's time would be anything but cheerful.

#### BELL'S STEAMER, THE COMET.

Our Illustration, taken from "Woodcroft's Rise and Progress of Steam Navigation," represents the first practical steam-boat that was employed in Great Britain for the conveyance of passengers. In 1812 this vessel, projected by Henry Bell, a tavern-keeper, began regularly to ply on the Clyde between Glasgow and Greenock. This vessel was quickly followed by others of greater power, and in less than five years' time the new idea had been put into practical operation on the Thames also.

twenty-four miles an hour. Some modern engines cost £2000 or more; weigh, with their tenders, forty-five tons; and have the power of attaining a speed of more than sixty miles an hour.

#### SOVEREIGNS OF EUROPE,

WITH THEIR AGE AND DATE OF ACCESSION.

Country.	Name.	Birth.	Acc.
Great Britain Austria Baden Baden Bavaria Belgium Denmark France (Republic) Germany Grecee Hesse Darmstadt Italy Mecklenburg Schwerin Mecklenburg Strelitz Netherlands Oldenburg Portugal	Victoria Francis Joseph Frederick Louis II. Leepold II. Christian IX. Mar. MacMahon, Pres. William George Louis III. Victor Emmanuel Frederick Francis Frederick Charles William III. Nicolas Louis I.	May 24, 1819 Aug. 18, 1830 Sept. 9, 1826 Aug. 25, 1845 April 9, 1835 April 8, 1818 1807 Mar. 22, 1797 Dec. 24, 1845 June 9, 1806 Mar. 14, 1820 Feb. 28, 1823 Oct. 17, 1819 Feb. 19, 1817 July 8, 1826 Oct. 31, 1838	1837. 1848. 1856. 1864. 1865. 1863. 1863. 1863. 1848. 1862. 1842. 1849. 1853.
Rome Russia Saxe Coburg and Gotha Saxe-Meiningen Saxe-Weimar Saxony Spain Sweden and Norway Turkey Wurtemberg	Louis I. Pope Pius IX. Alexander II. Ernest II. George Charles Alexander Frederick Aug. Albert Alphonso I. Oscar II. Abdul Aziz Charles Frederick	May 13, 1792 Apr. 29, 1818 June 21, 1818 April 2, 1826 June 24, 1818 April 23, 1828 Mar. 1, 1875 Jan. 21, 1829 Feb. 9, 1830 Mar. 6, 1823	1861. 1846 1855. 1844. 1866. 1853. 1873. 1875. 1872. 1861. 1864.

#### TABLE OF INTEREST,

Showing the Interest of any Sum, from a Million to a Pound, for any Number of Days, at any rate of Interest.

-		- fami							-	-	-
					100		£		. 1		100
H 800 000	£	S.	d.	f.	Parts	000	2	s. 9	d. 3	f. 3	Parts
1,000,000	2,739	14	6	0	99	900	2	3			12
900,000	2,465	15	. 0	3	29	800	1		10	0	11
800,000	2,191	15	7	1	59	700	1	18	4	1	10
700,000	1,917	16	1	3	89	600	1	12	10	2	8 7 5 4 3 1
600,000	1,648	16	8	2	19	500	1	7	4	3	1
500,000	1,369	17	3	0	49	400	0	1	11	0	b
400,000	1,095	17	9	2	79	300	0	16	5	1	4
300,000	821	18	4	1	9	200	0	10	11	2	3
200,000	547	18	10	3	40	100	0	5	5	3	1
100,000	273	19	5	1	70	90	0	4	11	0	71
90,000	246	11	6	0	32	80	0	4	4	2	41
80,000	219	3	6	0	96	70	0	3	10	0	11
70,000	191	15	7	1	59	60	0	3	3	1	81
60,000	164	7	8	0	22	50	0	2	8	3	51
50,000	136	19	8	2	85	40	0	2	2	1	21
40,000	109	11	9	1	48	30	0	1	7	2	90
30,000	82	3	10	0	11	20	0	1	1	0	60
20,000	54	15	10	2	74	10	0	0	6	2	30
10,000	27	7	11	1	37	9	0	0	5	3	67
9,000	24	13	1	3	23	8 7		0	5	1	4
8,000	21	18	4	1	10	7	0	0	4	2	15
7,000	19	3	6	2	96	6	0	0	3	3	12
6,000	16	8	9	0	82	5 4 3	0	0.	3	1	84
5,000	13	13	11	2	68	4	0	0	2	2	- 52
4,000	10	19	2	0	55	3	0	0	1	3	89
3,000	8	4	4	2	41	2 1	0	0	1	1	26
2,000	5	9	7	0	27	1	0	0	0	2	3
1,000	2	14	9	2	14	1					

THE RULE.—Multiply the Sum by the number of Days and the Product by the Rate of Interest, then separate the two last Figures to the Right hand, and the rest you will find in the Table.

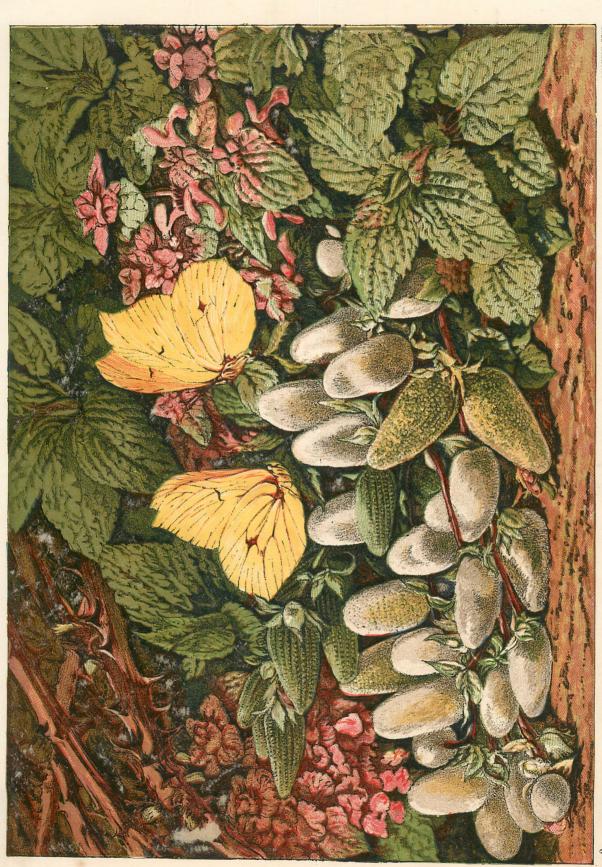
Raidway Accidents.—The return of the railway accidents in the United Kingdom in 1874 shows 87 passengers killed and 1622 injured from causes beyond their own control, and 125 passengers killed and 368 injured through their own misconduct or want of caution. All four numbers are, we believe, larger than in any previous year. The totals are 212 passengers killed and 1990 injured. There were 80 passengers killed in accidents occurring to trains, 9 by falling out of railway carriages while travelling, 22 by falls while getting into or out of trains, 49 by falling between carriages and platforms, 33 while crossing the line at stations, 2 by falling down stairs at stations, and 17 by other accidents. Including servants of the companies and of contractors, and also trespassers, suicides, people passing over level crossings, &c., there were in all 1425 persons killed and 5050 injured by railway accidents in 1874.

Statistics of Human Life.—The total number of human beings of the statistics of th

vessel was quickly followed by others of greater power, and in less than five years' time the new idea had been put into practical operation on the Thames also.

STEPHENSON'S LOCOMOTIVE, THE "ROCKET."

George and his son Robert Stephenson were the founders of modern railway travelling. Their locomotive called the "Rocket" won a £500 prize offered by the directors of the Liverpool and Manchester Railway in 1829, and it was the first that ran upon the new line. Compared to a modern locomotive the Rocket was but an infant. It only cost about £550; weighed, with its tender, between seven and eight tons; and its greatest speed was about



#### PUBLIC ACTS OF PARLIAMENT PASSED IN 1875,

IN THE 38TH AND 39TH YEARS OF HER MAJESTY'S REIGN.

\* The figure before each Act denotes the chapter.

1. An Act to apply the sum of £882,6618s. 11d. out of the Consolidated Fund to the service of the years ending 31st day of March 1874 and 1875.

2. An Act to apply the sum of £7,000,000 out of the Consolidated Fund to the service of the year ending the 31st day of March, 1876.

3. An Act to make further provision with respect to the salaries of the magistrates of the police courts in the metropolitan police district.

4. An Act to amend the Superanuation Act, 1859, so far as relates to the superanuation allowances to be granted to civil servants who have served in unhealthy climates.

in unhealthy climates.
5. An Act to amend the law relating to the Registry of Deeds Office,

Ireland. 6. An Act to extend the time for the Epping Forest Commissioners to make their final report.
7. An Act for punishing mutiny and desertion and for the better payment of the Army and their quarters.
8. An Act for the regulation of her Majesty's Royal Marine forces while on shore.

on shore 9. An Act to repeal section 8 of the Building Societies Act, 1874, and make

9. An Act to repeal section 8 of the Building Societies Act, 1014, and manother provision in lieu thereof.
10. An Act to apply the sum of £15,000,000 out of the Consolidated Fund to the service of the year ending March 31, 1876.
11. An Act to enable limited owners to grant or demise lands for glebes in Isoland.

Iteland.

12. An Act to amend the law relating to international copyright.

13. An Act to extend to the docks, custom-houses, inland revenue offices, and bonding warehouses in England and Ireland certain provisions of the Bank Holidays Act, 1871, and to amend the same.

14. An Act to amend and continue certain Acts for the preservation of the peace in Ireland, and to grant an indemnity in certain cases.

15. An Act to amend the Sea Fisheries Act, 1868.

16. An Act to amend the law with respect to manufacturing, keeping, selling, carrying, and importing gunpowder, nitro-glycerine, and other explosive substances.

18. An Act to provide for the establishment of a close time in the seal fishery in the seas adjacent to the eastern coasts of Greenland.

19. An Act for making perpetual the Bishops Resignation Act, 1869.

20. An Act to amend the law relating to houses of public dancing, music, or other public entertainment of the like kind, in the cities of London and Westminster.

or other purpose entertainment of the Westminster.

22. An Act for the further regulation of the duties on postage and for other purposes relating to the Post Office.

23. An Act to grant certain duties of Customs and Inland Revenue, to alter other duties, and to amend the laws relating to Customs and Inland

24. An Act to amend the law with reference to the falsification of accounts.

accounts.

25. An Act to consolidate, with amendments, the Acts relating to the protection of public stores.

26. An Act to amend the law of bankruptey in Scotland.

27. An Act to extend to the surviving children of poor widows the benefits of the Act 36 and 37 Vict., chap. 52, intituled An Act for the Relief of Widows and Children of Intestates where the personal estate is of small value.

value.

28. An Act to amend the law respecting the superannuation allowances of certain officers of the staff of the metropolitan police.

29. An Act to continue the Endowed Schools Act, 1868.

30. An Act to amend the Glebe Loan (Ireland) Amendment Act, 1871.

31. An Act to make perpetual section 4 of the Railway Companies Act, 1867, and section 4 of the Railway Companies (Scotland) Act, 1867.

32. An Act to continue for ten years the Survey (Great Britain) Acts.

33. An Act to amend the Metropolis Management Acts.

34. An Act to amend the Acts relating to the Ecclesiastical Commissioners and enable them to carry into effect a certain proposal for the rearrangement of the dioceses of London, Winchester, and Rochester, and the erection of a new Bishopric of St. Albans.

35. An Act for the further amendment of the laws relating to turnpike roads in South Wales.

36. An Act for facilitating the improvement of the dwellings of the work-

An Act for facilitating the improvement of the dwellings of the work-

36. An Act for facilitating the improvement of the dwellings of the working classes in large towns.

37. An Act to amend the law relating to juries in Ireland.

38. An Act to remove certain doubts with respect to the powers of the Parliament of Canada under sec. 18 of the British North American Act,

39. An Act to amend the provisions of the Metalliferous Mines Regulation Act, 1872, with respect to the annual returns from mines.

40. An Act to amend the law regulating municipal elections.

41. An Act for the relief of widows and children of intestates in Scotland where the personal estate is of small value.

42. An Act to enable certain corporate bodies to hold land for glebes in Ireland.

Ireland.

43. An Act to amend the Medical Acts so far as relates to the Royal College of Surgeons of England.

44. An Act to amend the Constabulary (Ireland) Act, 1874.

45. An Act to amend the law with respect to the reduction of the National Debt and the charge for the National Debt in the Consolidated Fund.

46. An Act to amend an Act passed in the Session of Parliament held in the thirtieth and thirty-first year of the reign of her present Majesty, intituled "An Act to afford further facilities for the erection of certain bridges in Ireland."

47. An Act to amend the law in regard to constables and peace officers in Scotland.

48. An Act to male further respectively.

Scotland.

48. An Act to make further provision respecting the contribution out of moneys provided by Parliament towards the expenses of the police force in the metropolitan police district and elsewhere in Great Britain.

49. An Act for facilitating the improvement of the dwellings of the working classes in large towns in Scotland.

50. An Act to amend the Acts relating to the county courts.

51. An Act to amend the Act of the Session of the thirty-fifth and thirty-sixth years of the reign of her present Majesty, chapter 19, intituled "An

Act for the Prevention and Punishment of Criminal Outrages upon the

Natives of the Islands in the Pacific Ocean." 52. An Act to provide for the completion of the distribution of the sums of money paid to her Majesty by the United States of America on account of money paid to her Majesty by the United States of America on account of awards made by the Commissioners acting under a certain treaty between her Majesty and the United States of America.

53. An Act to give effect to an Act of the Parliament of the Dominion of Canada respecting copyright.

54. An Act to amend the qualification required by persons acting as Justices of the Peace.

55. An Act for consolidating and amending the Acts relating to public health in England.

56. An Act to enable grand juries in Ireland to grant superannuation allowances to county surveyors in certain cases.

allowances to county surveyors in certain cases.

57. An Act to institute a pharmaceutical society and to regulate the qualifications of phamaceutical chemists and of chemists and druggists in Ireland.

58. An Act to authorise advances to the Public Works Loan Commissioners for enabling them to make loans under divers Acts authorising such

An Act to amend the Public Records (Ireland) Act, 1867, and to make provision for keeping safely parochial records in Ireland.
60. An Act to consolidate and amend the law relating to friendly and

other societies.

61. An Act to further amend the law of entail in Scotland.
62. An Act to alter and amend the law relating to appeals in summary prosecutions before inferior Judges in Scotland.
63. An Act to repeal the Adulteration of Food Acts, and to make better provision for the sale of food and drugs in a pure state.
64. An Act to repeal the Guarantee by Companies Act, 1867, and to make other provisions in light theorem.

66. An Act for further amending the Acts relating to the raising of money by the Metropolitan Board of Works, and for other purposes.
66. An Act for further promoting the revision of the statute law by repealing certain enactments which have ceased to be in force or have become un-

67. An Act to amend the law relating to private and district lunatic

asylums in Ireland. 68. An Act for making further provision respecting the department of science and art.

69. An Act to consolidate and amend certain laws relating to the militia of the United Kingdom.
70. An Act for further amending the law relating to chimney-sweepers.
71. An Act to amend the Act of the twenty-ninth and thirtieth years of her Majesty, chap. 111, relating to the Ecclesiastical Commissioners for England.

72. An Act to continue various expiring laws.
73. An Act to amend the law relating to the appointment of certain persons who entered the employment of the Home Government of India before Dec. 31, 1874.

74. An Act to amend the Public Health (Scotland) Act, 1867, and other sanitary Acts in respect of loans for sanitary purposes.
75. An Act to amend the Contagious Diseases (Animals) Act, 1869.
76. An Act to make provision for returns relating to ecclesiastical fees, and for other purposes.
77. An Act to amend and extend the Supreme Court of Judicature Act, 1873.

78. An Act to apply a sum out of the Consolidated Fund to the service of the year ending March 31, 1876, and to appropriate the supplies granted in this Session of Parliament.

79. An Act to amend the law relating to legal practitioners.
80. An Act to amend the Act of the twenty-first year of the reign of King George III. c. 49, intitated "An Act for Preventing certain Abuses and Profanations on the Lord's Day, called Sunday," and for further amending the

law concerning the remission of penalties.

81. An Act to authorise the payment out of the Consolidated Fund of the United Kingdom of the salary of an additional Sheriff-Substitute in

Sectiand, and for other purposes.

S2. An Act to afford facilities for the erection, enlargement, improvement, and purchase of dwelling-houses for residences for teachers of certain national schools in Ireland.

83. An Act to amend the law relating to securities for loans contracted

83. An Act to amend the law relating to securities for loans contracted by local authorities.
84. An Act to regulate the expenses and to control the charges of returning officers at Parliamentary elections.
85. An Act for amending the foreign jurisdiction Acts.
86. An Act for amending the law relating to conspiracy and to the protection of property, and for other purposes.
87. An Act to simplify titles and facilitate the transfer of land in England.
88. An Act to make provision for giving further powers to the Board of Trade for stopping unseaworthy ships.
89. An Act to consolidate with amendments the Acts relating to loans for

89. An Act to consolidate with amendments the Acts relating to loans for public works.

90. An Act to enlarge the powers of county courts in respect of disputes between employers and workmen, and to give other courts a limited civil jurisdiction in respect of such disputes.

91. An Act to establish a register of trade marks. 92. An Act for amending the law relating to agricultural holdings in England.

England.

93. An Act to amend the Copyright of Designs Acts.

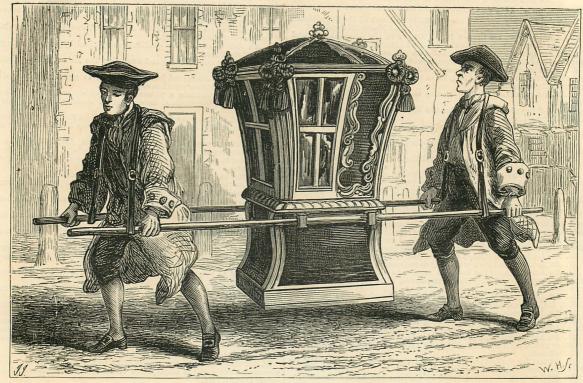
94. An Act to amend the law relating to offences against the person.

95. An Act to amend an Act passed in the Session of Parliament held in the thirty-third and thirty-fourth years of the reign of her present Majesty, c. 106, intituled, "An Act to Amend the Sanitary Act, 1866, so far as relates to the City of Dublin."

96. An Act to provide for additional payments to teachers of national schools in Ireland.

Under the provisions of the sixteenth clause of the "Sale of Food and Drugs Act" the Postmaster-General is empowered to convey and deliver such articles as by the Act a "public analyst will be required to examine." The packet containing the article must be rendered quite safe and be duly registered. No box must exceed 8in. in length, 4in. in width, or 3 in. in depth, and no packet 18 in. in length, 9 in. in width, or 6 in. in depth; and the registration fee and postage on each must be prepaid.

MAY.



OLD MODES OF LOCOMOTION.—SEDAN CHAIR, 1755.

	1	1		sun. Moon.											
I		D.	ANNIVERSARIES,		SUN.	T cl	МО	ON.			OONLIGHT.		WATER AT		Day
O. M		W.	FESTIVALS, OCCURRENCES, ETC.	Rises.	Souths	Sets.	Rises.	Sets.	Before Sunrise.	foon' Age.	After Sunset.	London Bridge	Liverpo	ool Dock.	of Year.
_					Noon.		Morn.	Morn.	0'Clock. 0 1 2 3 4	Moon's Age.	8 9 10 11 12	Morn. Aftern		Aftern.	
1	,	M	of the Court Batch Training and h	н. м.	м. s. 3 5	н. м. 7 22	н. м.	н. м.	1 2 3 1	-	0 0 10 11 12	H. м. н. м 7 8 7 40		н. м.	122
			Prince Arthur born, 1850							7		The second second			
1		It	Camden born, 1551	4 31	3 12	7 24	Aftern.	2 35		8		8 27 9 15		5 43	123
	3	W	Jamaica discovered, 1495	4 29	3 18	7 25	1 58	2 48		9		9 56 10 36	6 28	7 12	124
	4 '	Th	Lord Hatherton (statesman) died, 1863	4 28	3 24	7 26	3 14	3 1		<b>1</b> 0		11 10 11 38	7 51	8 26	125
1	5	F	Napoleon I. died, 1821	4 26	3 29	7 27	4 31	3 12		11		- 0 2	8 54	9 18	126
	6	S	St. John	4 25	3 34	7 29	5 48	3 23		12		0 25 0 46	9 41	10 2	127
	7	5	3RD SUNDAY AFT, EASTER	4 23	3 38	7 30	7 5	3 34		13		1 7 1 26	10 23	10 42	128
		M	Half-Quarter Day	4 21	3 42	7 32	8 21	3 50		0		1 45 2 2	11 1	11 18	129
	9 1	Tu	Schiller died, 1805	4 20	3 45	7 33	9 37	4 8		15		2 20 2 37	11 36	11 53	130
1	0 1	W	Sir Charles Wentworth Dilke died,	4 18	3 48	7 35	10 44	4 36		16		2 54 3 10	-	0 10	131
1	1 '	TH	1869 Law Easter Term ends	4 16	3 50	7 37	11 42	5 13		177		3 27 3 44	0 26	0 43	132
1	2	F	Passage of the Douro, 1809	4 15	3 51	7 38	Morn.	6 2	10 10 10 10 10 10 10 10 10 10 10 10 10 1	18		4 1 4 19	1 0	1 17	133
1	3	S	Cuvier died, 1832	4 13	3 52	7 40	0 24	7 6		19		4 36 4 54	1 35	1 52	134
1		5	4TH SUNDAY AFT. EASTER	4 12	3 52	7 42	0 57	8 17		20		5 14 5 34	2 10	2 30	135
1		M	Edmund Kean died, 1833	4 11	3 52	7 43	1 19	9 32		21		5 56 6 20	2 50	3 12	136
1		To	Vendôme Column destroyed, 1871	4 10	3 51	7 45	1 35	10 46		Ō		6 46 7 16	3 36	4 2	137
1		W		4 8	3 49	7 46	1 49	Aftern.		23		7 50 8 23	1	5 6	138
1			Length of night, 8h. 24m.		3 47	7 47	1 59	1 21		24		9 0 9 38	The second	6 16	139
		TH	Jupiter souths at 11h. 52m. p.m.				2 9	2 39				10 14 10 45		7 30	140
1		F	Dunstan, Archbishop	4 5	3 44	7 49	1 200	10. 7. 1.		25				8 30	141
2		S	Columbus died, 1506	4 3	3 41	7 50	2 21	4 1		26					1000000
2	1	圣	ROGATION SUNDAY	4 2	3 37	7 52	2 34	5 30		27		Noon.	8 52	9 16	142
2	2	M	Cambridge Easter Term divides (midnight)	4 0	3 33	7 53	2 51	7 1		28		0 22 0 44		10 0	143
2	3	Tu	Battle of Ramilies, 1706	3 59	3 28	7 55	3 15	8 34		0		1 6 1 28		10 54	144
2	4	W	Birth of Queen Victoria	3 58	3 23	7 57	3 51	9 59		I		1 51 2 13	11 7	11 29	145
2	5	Th	Ascens. Day. Holy Thurs.	3 57	3 17	7 58	4 42	11 3		2		2 36 3 0	11 52	-	146
2	6	F	Augustine, Archbishop	3 56	3 10	7 59	5 57	11 49		3		3 25 3 50	0 16	0 41	147
2	7	S	Duke of Cumberland born, 1819	3 55	3 3	8 0	7 25	Morn.		4		4 15 4 41	1 6	1 31	148
2	8	5	SUNDAY AFTER ASCENSION	3 55	2 56	8 1	8 55	0 18		5		5 7 5 34	THE RESERVE	2 23	149
2		M	Charles II. restored, 1660	3 54	2 48	8 2	10 23	0 39		6		6 4 6 33		3 20	150
3	0 7	It	Earl Spencer born, 1798	3 53	2 40	8 2	11 46	0 55		0		7 4 7 38	3 49	4 20	151
3	1	W	Chalmers died, 1847	3 52	2 32	8 3	Aftern.	1 8		8		8 8 8 42	4 51	5 24	152



MAIDENHOOD.
FROM "THE ILLUSTRATED LONDON NEWS."

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COMMITTEE OF COUNCIL ON EDUCATION.

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7, WHITEHALL-GARDENS.
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COMMANDER-IN-CHIEF'S
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ADMIRALTY,
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Surveyor-General—Capt. Robertson.
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12, whitehall-places.
12, whitehall-places.
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Associate to Lord Chief Justice—Hon.

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H. E. Campbell. COMMON PLEAS.

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Judge—Thomas H. Tristram, D.C.L.

Registrars—J. Shephard, J. H. Lee.

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DIVORGE.

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Registrar—Viscount Canterbury.

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LINCOLN'S-INN & BASINGHALL-STREET.
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Chief Registrar—Wm. Hazlitt, Esq.
Registrars—J. R. Brougham, C. H.
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Pepys, Hon. J. C. Spring Rice.

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Duke of Beaufort.
Duke of Beaufort.
Duke of Marlborough.
Duke of Marlborough.
Duke of Marlborough.
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Duke of Abercorn.
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Marquis of Salisbury.
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Marquis of Hartington.
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Earl of Ducie.
Earl of Strafford.
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Viscount Bury. Viscount Eversley.
Viscount Bury.
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Lord Selberne.
Lord Selberne.

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Lord Hampton.
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Hon. Sir Percy E. Herbert.
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Sir James Fergusson, Bart.
Sir Joseph Napier, Bart.
Sir James Weir Hogg, Bart.
Sir William Heathoote, Bart.
Sir Jimes Weir Hogg, Bart.
Sir Bedert Peel, Bart.
Sir Beard H. Beach, Bart.
Sir Edward Ryan.
Sir David Dundas.
Sir George H. Seymour.
Sir Lawrence Peel.
Sir J. Bart.
Sir J. C. Bowyer Adderley.
Sir James W. Colvile.
Sir James W. Colvile.
Sir Fitzroy Kelly.
Sir Richard T. Kindersley.
Sir William Hutt.
Sir Andrew Euchanan.
Sir Edward V. Williams.
Sir Fitzroy Kelly.
Sir Richard T. Kindersley.
Sir William M. James.
Sir Barnes Peacock.
Sir Goorge Mellish.
Sir John M. Maeleod.
Sir William M. James.
Sir Barnes Peacock.
Sir George Mellish.
Sir John M. Maeleod.
Sir John B. Syles.
Sir Bartle E. Frere.
Sir George Jessel.
J. T. Ball.
Sir William Martin.
Sir Henry Keating.
Holt Mackenzie. Holt Mackenzie.
R. Assheton Cross.
William Ewart Gladstone.
Thomas Milner Gibson.
Richard More O'Ferrall.
Spencer Horatio Walpole.
Benjamin Disraeli.
Joseph Warner Henley.
Robert Adam C. N. Hamilton.
William Beresford.
John Parker.
Edward Horsman. William Beresford,
John Parker,
Edward Horsman,
Robert Lowe,
William Monsell.
Thomas H. S. S. Estcourt,
John Robert Mowbray,
John Inglis,
Thomas E. Headlam,
William Nathaniel Massey,
George Joachim Goschen,
Russell Gurney,
Gathorne Hardy,
Stephen Cave,
Henry James Baillie,
George Ward Hunt,
Thomas Edward Taylor,
John Bright,
Hugh C. E. Childers,
Austin H. Layard,
William E. Forster,
James Stansfeld,
Acton Smee Ayrton,
James A. Lawson,
Mountague Bernard,
John George Young,

Peter Erle. E. H. Knatchbull-Hugessen. William Patrick Adam. Lyon Playfair.

George Sclater-Booth, John S. Hubbard, Edward S. Gordon,

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Deputy Clerk of Parliaments (Clerk Assistant)—Ralph Disraeli. Esq.

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Adam, Principal Clerk Private Bill Office, and Taxing Officer; W. H.

Haines, Principal Clerk, Private Committee; F. Vane; C. Congreve,

O. E. Grant, A. W. Dubourg.

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Brougham, M. A. Thoms, W. H. Palk, H. C. Malkin, Hon. E. P. Thesiger, R. W. Monro, A. Harrison, E. F. Taylor, J. F. Jeune, F. Signe.

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Clerk of the Journals—I. Birch.

Clerk of Public Bills—H. C. Malkin.

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Examiners for Standing Orders, C.

Frere and J. H. Robinson.

Clerk—F. B. G. Jenkinson.

Clerk—F. B. G. Jenkinson.

Gentleman Usher of the Black Rod—

Admiral Sir A. W. Clifford, Bart.

Yeoman Usher—Col. R. C. S. Clifford.

Sergeant-a-Arms—Lieut.-Colonel the

Hon. W. P. M. G. Talbot.

Deputy—G. Wallace Goodbody. Skene.

#### OFFICERS OF THE HOUSE OF COMMONS.

OFFICERS OF THE B
Clerk of the House of Commons—Sir
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and Clerk of the Free—W. Rose.
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Ley, F. H. Webber, W. A. F. Davie,
A. Turner, W. M. Molyneux,
G. Laughton, A. F. Kingscote, W.
Gibbons, C. Forster, R. Dickinson,
F. B. G. Jenkinson.
Accountant—W. O. Mayne.
Shorthand Writer—W. H. G. Salter.

Sergeant-at-Arms—R. A. Gossett.
Deputy Sergeant—H. D. Erskine.
Assistant Sergeant—Colonel Cecil W.
Forester.
Decreber. G. Hartin. Poorkeeper—G. Hartley.
Postmaster—H. F. Lawford.
Chaplain to the House—Hon, and Rev. Chaplain to the House—Hon, and Rev. F. Byng.
Secretary to Speaker—C. W. Campion.
Counsel to Speaker and Examiner of Election Recognisances—G. K. Rickards.
Examiners of Petitions for Private Bills—Charles Frere, J. H. Robinson.
Taxing Master of the House—C. Frere.
Clerk—F. St. George Tupper.
Librarian—G. Howard.
Assistant Librarian—W. Hearn.
Printer of the Journals, &c.—H.
Hansard.
Printers of the Votes—Messrs. Nicholls,

Printers of the Votes-Messrs. Nicholls.

#### PRIME MINISTERS OF ENGLAND.

PRIME MINISTE.
Sir Robert Walpole, October, 1715.
J. Standhope, April, 1717.
Earl of Sunderland, March, 1718.
Sir Robert Walpole, April, 1720.
Earl of Wilmington, February, 1742.
Henry Pelham, August, 1743.
Duke of Newcastle, April, 1754.
Earl of Bute, May, 1762.
George Grenville, April, 1763.
Marquis of Rockingham, July, 1765.
Duke of Grafton, August, 1766.
Lord North, January, 1770.
Marquis of Rockingham, March, 1782.
Earl of Shelburne July, 1782.
Duke of Portland, April, 1783.
William Pitt, December, 1783.
Henry Addington, March, 1801.
William Pitt, May, 1804.
Lord Grenville, January, 1806.
Duke of Portland, March, 1807.
Spencer Perceval, June, 1810.

RS OF ENGLAND.

Earl of Liverpool, June, 1812.
George Canning, April, 1827.
Viscount Goderich, August, 1827.
Duke of Wellington, July, 1828.
Earl Grey, November, 1830.
Lord Melbourne, Angust, 1834.
Lord Melbourne, Angust, 1834.
Lord Melbourne, April, 1835.
Sir Robert Peel, November, 1834.
Lord Melbourne, April, 1835.
Sir Robert Peel, September, 1841.
Lord John Russell, June, 1846.
Earl of Derby, February, 1852.
Viscount Palmerston, February, 1852.
Viscount Palmerston, June, 1859.
Earl of Derby, June, 1866.
Earl of Derby, June, 1866.
Benjamin Disraeli, February, 1868.
W. E. Gladstone, December, 1868.
Benjamin Disraeli, February, 1874.

### BRITISH AND FOREIGN AMBASSADORS. Foreign Ambassadors in England.

British Ambassadors, &c., Abroad. ... Sir Edward Thornton, K.C.B. General Schenck. America ... Sir Edward Thornton, K.C.B. General Schenck.

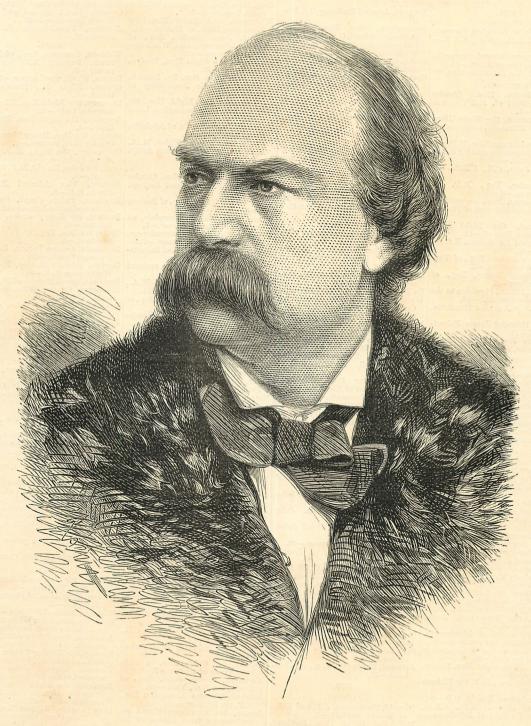
Argent. Confederation Hon. L. V. Sackville West ... Don Diego de Álvear. Argent. Confederation
Austria Sir Andrew Buchanan, G.C.B. Count Beust.
Bavaria R. B. D. Morier, C.B. Count Ferd. de Hompesch.
Belgium J. S. Lumley, Esq., C.B. M. Henri Solvyns.
Brazil G. B. Mathew, Esq., C.B. M. D. Penedo.
Cen America. Sidney Locock, Fsq. Signor Carlos Gutierres.
Chili Horace Rumbold, Esq. Signor Carlos Gutierres.
Chili Horace Rumbold, Esq. Don Alberto B. Gana.
China. T. F. Wade. Esq., C.B.
Colombia R. Bunch, Esq. Signor Carlos Gutierres.
Chili Horace Rumbold, Esq. Don Alberto B. Gana.
China. T. F. Wade. Esq., C.B.
Colombia R. Bunch, Esq. Sir Charles L. Wyke, K.C.B.
Lieutenant-General Bülow.
Genemary Lord Odo Russell Germany Lord Odo Russell Count Munster.
Greece Hon. Wm. Stuart M. Brailas Armeni.
Italy Sir A. B. Paget, K.C.B. Terashima Munenori.
Morocco Sir John H. D. Hay, K.C.B. Terashima Munenori.
Morocco Sir John H. D. Hay, K.C.B. Terashima Munenori.
Netherlands. Adm. Hon. Sir E. A. J. Harris.
Peru Spencer St. John, Esq. Don P. Galvez.
Peru Spencer St. John, Esq. Duo P. Galvez.
Portugal Lord Lytton Duc & Saldanha.
Russia Lord Adolphus Loftus, G.C.B. Count Schouvaloff.
Spain. Rt. Hon. Austin H. Layard Don M. R. y Villanueva.
Sweden Hon. E. M. Erskine, C.B. Musurus Pacha.

### JUNE.



OLD MODES OF LOCOMOTION .- THE OLD STAGE COACH.

-	1			SUN.	-	мо	on.	DURATION	ог мо	ONLIGHT.		HIGH W	ATER AT		-
D. OF	D. OF	ANNIVERSARIES, FESTIVALS,		Souths		Rises.	Sets.	Before Sunrise.		After Sunset.	London	Bridge.	Liverpo	ol Dock.	Day
м.	w.	OCCURRENCES, ETC.	Rises.	before Noon.	Sets.	Aftern.	Morn.	O'Clock.	Moon's	O'Clock.	Morn.	Aftern.	Morn.	Aftern.	Year.
	_	Wiscomedo Lord Howe's	н. м.	M. S.	н. м.	н. м.	н. м.	0 1 2 3 4	-	8 9 10 11 1:	н. м.	н. м.	н. м.	н. м.	150
1	Th	Nicomede. Lord Howe's Victory, 1794	3 52	2 23	8 5	2 21	1 19		9		9 16	9 50	5 58	6 32	153
2	F	Oxford Easter Term ends	3 51	2 13	8 5	3 37	1 30	11/4/11/11/11/11	10		10 24	10 55	7 6	7 40	154
3	S	Oxford Trinity Term begins	3 50	2 4	8 6	4 53	1 42	12/1/1/1/1/1/1	11		11 23	11 48	8 11	8 39	155
4	3	WHIT SUNDAY. Pentecost	3 49	1 54	8 7	6 9	1 56		12			0 12	9 4	9 28	156
5	M	Sir Joseph Paxton died, 1865	3 49	1 43	8 8	7 24	2 14		13		0 35	0 58	9 51	10 14	157
6	Tu	Jeremy Bentham died, 1832	3 48	1 33	8 8	8 35	2 38		14		1 20	1 41	10 36	10 57	158
7	W	Jupiter souths at 10h. 23m. p.m.	3 47	1 22	8 9	9 37	3 12				2 0	2 18	11 16	11 34	159
8	Th	Alexandra Palace burnt, 1873	3 47	1 10	8 10	10 23	3 57		<b>1</b> 6		2 37	2 54	11 53	-	160
9	F	Charles Dickens died, 1870	3 46	0 59	8 11	10 57	4 57		17		3 11	3 30	0 10	0 27	161
10	S	Roger Bacon died, 1294	3 46	0 47	8 12	11 22	6 4		18		3 47	4 5	0 46	1 3	162
11	5	TRINITY SUNDAY	3 46	0 35	8 13	11 40	7 18	180	<b>1</b> 9		4 24	4 41	1 21	1 40	163
12	M	Venus souths at 2h. 39m. p.m.	3 46	0 23	8 13	11 54	8 33	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20		5 0	5 17	1 57	2 16	164
13	Tt	Corsica taken, 1767	3 45	0 11	8 14	Morn.	9 47		21		5 37	6 0	2 33	2 53	165
14	W	Battle of Marengo, 1800	3 45	Aftern.	8 14	0 6	11 2		22		6 24	6 47	3 16	3 40	166
15	Th	Corpus Christi. Law Trinity Term ends.	3 45	0 15	8 15	0 16	Aftern.		0		7 12	7 38	4 3	4 28	167
16	F	John Wesley born, 1703	3 45	0 28	8 15	0 27	1 34		24		8 6	8 36	4 54	5 22	168
17	S	Battle of Bunker's Hill, 1775	3 45	0 40	8 16	0 40	2 56		25		9 7	9 40	5 52	6 23	169
18	3	1ST SUNDAY AFT. TRINITY	3 45	0 53	8 17	0 55	4 24		26		10 14	10 44	6 56	7 30	170
19		Magna Charta signed, 1215	3 45	1 7	8 17	1 15	5 56		27		11 14	11 43	8 0	8 30	171
20	T	Accession of Queen Victoria	3 45	1 20	8 17	1 44	7 29		28		-	0 10	8 59	9 26	172
2	W	Proclamation	3 45	1 33	8 17	2 26	8 46		0		0 37	1 4	9 53	10 20	173
25	Ti	Matthew Henry died, 1714	3 46	1 46	8 18	3 29	9 40		l		1 31	2 0	10 47	11 16	174
2	BE	Cambridge Easter Term ends	3 46	1 59	8 18	4 55	10 17		2		2 26	2 54	11 42	-	175
2	1 8	St. John Baptist. Midsum-mer Day	3 46	2 12	8 18	6 28	10 41		3		3 20	3 44	0 10	0 36	176
2			3 47	2 25	8 18	8 1	11 0		4		4 11	4 38	1 0	1 27	177
2			3 47	2 37	8 18	9 27	11 13		5		5 4	5 30	1 54	2 20	178
2		Great Barrier and	3 47	2 50	8 18	10 51	11 26		6		5 54	6 18	2 46	3 10	179
2			3 48	3 2	8 18	Aftern.	11 38		0		6 44	7 10	3 34	4 0	180
2		Coronner	3 49	5 14	8 17	1 25	11 49		8		7 34	8 0	4 26	4 50	181
3		William Roscoe died, 1831	3 49	3 26	8 17	2 43	Morn.		9		8 26	8 54	5 16	5 42	182



SIGNOR SALVINI.

FROM "THE ILLUSTRATED LONDON NEWS."

#### LIST OF EMINENT PERSONS WHO HAVE DIED DURING THE LAST TWELVE MONTHS.

Memoirs of all these, with the Arms and Portraits of some, are to be found in the ILLUSTRATED LONDON NEWS.

AUGUST.

Wiseman, Sir W. S., eighth Baronet, of Canfield Hall, Suffolk, K.C.B.—

Beatson, Surgeon-General, George S., M.D., C.B., Indian Army.—14. Betty, W. H., the Infant Roscius.

SEPTEMBER.

Romney, Right Hon. Charles Marsham, Earl of, and Viscount Marsham.—3. Mount-Edg-cumbe, the Right Hon. Katherine Elizabeth, Countess of.

Manners, Lord George John, M.P.-Storks, Lieutenant-General Sir Henry Knight, G.C.B.—5. Rennie, Sir John, C.E., F.R.S., &c.

Gilpin, Charles, Esq., M.P. for Northampton.—8. Guizot, Francois, P.G., an eminent statesman and historian of France.

—12. Castle Str.

—12. Castle-Stewart, the Right Hon. Henry James, Earl of.—12. Smart, Admiral Sir Robert, K.C.B., D.L., &c.—10. Dease, James Arthur, Esq., of Tur-

Dease, James Archur, Lag, of Int-botston, Westmeath.—5. Blount, Michael Henry, Esq., of Maple Durham.—5. Anstie, F. E., M.D., Physician to the Westminster Hospital.—15. Milbank, Lady Augusta Henrietta

—13.
Benholme, Hercules James Robertson, Lord.—15.
Fermoy, the Right Hon. Edmund Burke Roche, Lord.—15.
Mylton, Thomas, Esq., of Shipton Hall, Salop.—15.
Allan, James, Esq., of Campehill, Lewisham.—15.
Dobell Sydney, Esq., author and poet.—22.

poet.—22.

Huard, Louis, Esq., artist.—19.

Berkeley, Robert, Esq., of Spetchley

Park, Worcester.—26.

Jacob, Arthur, M.D., F.R.C.S.I., an

eminent surgeon of Dublin.—26.

OCTOBER.

october.

Proctor, Bryan Walter, Esq., better known as "Barry Cornwall.".—4
Leinster, the Most Noble Augustus
Frederick Fitzgerald, third Duke
of.—10.
Forester, the Right Hon. John George
Wild, Lord.—10.
Twisleton, the Hon. Edward TurnerBoyd.—5.
Proctor - Beauchamp, Sir Thomas
William Brograve, fourth Baronet,
of Langley Park, Norfolk.—7.
Eden, General John, C.B.—7.
Chamberlayne, Joseph Eye, of
Maugersbury Manor.—4.
Marsh-Caldwell, Mrs. Anne, of
Linley Wood, Stafford.—5.
Hughes, William Hughes, Esq., formerly M.P. for Oxford.—10.
Thomond, the Most Hon. Anne,
Marchioness of.—22.
Benson, Sir John, of Montenotte,
Cork, architect and engineer.—22.
Miller, Thomas, the basket-maker
poet and novelist.—25.
Fitzwilliam, The Right Hon. Fanny,
Baroness.—28.
Laird, John, Esq., M.P. for Birken-

Baroness .-

Laird, John, Esq., M.P. for Birken-

head.—29. Rowe, Sir Joshua, Knight, C.B.—30. Lankester, Edwin, M.D., F.R.S., Coroner for Central Middlesex.—

30.

Le Marchant, Sir Dennis, Bart.,

Clerk of the House of Commons. NOVEMBER.

William Francis, fourth Earl of.—4.
Bunbury, Colonel Kane, of Moyle,
Co. Carlow.—4.
Hood, Tom, Esq., poet and
humourist.—17.

Dering, Edward Cholmeley, Esq.-17.

Prescott, Admiral Sir Henry, G.C.B .-

18.
Jerningham, the Hon. George Sulyarde Stafford, C.B., late Envoy Extraordinary to the Court of Stockholm.—18.
Smith, General Sir John Mark Frederick, K.H., F.R.S., &c.—18.
Spearman, the Right Hon. Sir Alexander Young, Baronet, of Springhill, Hanwell.—20.
Wauchope, Andrew, Esq., of Noeldric House, Midlothian.—22.
Denman, Vice Admiral the Hon. Joseph.—26.
Martin, Sir James Ranald, C.B., F.R.S., &c.—27.
Jardine, Sir William, seventh Baronet of Applegirth, a famous na-

Jardine, Sir William, seventh Baronet of Applegirth, a famous na-turalist.—27. Fortuny, Senor, a distinguished Spanish painter.—27. Read, the Hon. John Meredith, LL.D., Chief Justice of Pennsylvania.—29. Bagot, Colonel Alexander, B.S.C.—

DECEMBER.

Foster, Sir William, Baronet, of Norwich.—2.
Ormerod, the Venerable Thomas

Johnson, late Archdeacon of Suffolk.—2.

Johnson, late Archdeacon of Suffolk.—2.

Phillips, Watts, Esq., novelist, dramatist, and artist.—2.

La Touche, the Hon. Charlotte.—3.

Westenra, Colonel the Hon. John Craven, of Shaarvogue, Ireland.—

5. Napier, William John, Esq., of the Irish Bar.—3. Stirling-Maxwell, the Right Hon. Lady Anna Maria.—8. Bond-Cabbell, Benjamin, Esq., of Cromer Hall, Norfolk, F.R.S.,

or Malley, Peter Frederick, Esq. Q.C., Recorder of Norwich.—10.
Arkwright, Frederick, Esq., of Wellersley, Derbyshire.—6.
Grey, Colonel George Henry, Equerry to his Royal Highness the Prince of Wales.—11.
Arbuthnot, William Urquhart, Esq., of Bridgen Place, Kent.—10.
Ossory, the Right Rev. James Thomas O'Brien, D.D., Lord Bishop of.—

O'Brien, D.D., Lord Bishop of .-Newnham, George Sidney, Esq., of

Newmann, George States, 1844, or Newmann, Devon.—16. Sondes, the Right Hon. George John Milles, Lord.—17. Kesteven, the Right Hon. John Trollope, Lord.—17. Romilly, the Right Hon. John,

Trollope, Lord.—11.
Romilly, the Right Hon. John,
Lord.—23.
Gower, Lord Albert Leveson.—23.
Winn, Charles, Esq., of Nostell
Priory, York.—17.
Austin, Charles, Esq., Q.C., M.A., ef
Brandeston Hall, Suffolk.—21.
Cholmley, Sir George, seventh
Baronet, of Boynton, York.—24.
Heming, Dempster, Esq., D.C.L., of
Caldecote and Lindley Halls.—24.
Macdonald, the Right Hon. Somerled

Cadecote and Lindey Hans.—24.
Macdonald, the Right Hon. Somerled
James, Lord.—26.
Montrose, the Most Noble James
Graham, fourth Duke of.—30.
Bain Edward Sandys, Esq., serjeant-

at-law.—30. Attwood, Benjamin, Esq., of Cheshunt.-30.

> 1875. JANUARY.

Bignold, Sir Samuel, J.P. and D.L., of Walcot, Norfolk.—2.
Hill, the Right Hon. Rowland, Viscount.—4.
Bruce, Charles Lennox Cumming,

Esq., of Kinnaird, Stirlingshire.

4.
Blake, Sir Thomas Edward, thir-teenth Baronet, of Menlough Castle, Galway.—4.
Holland, Edward, Esq., of Dumble-

ton, Gloucester.—5.
Howard, Henry, Esq., of Greystoke,
Cumberland.—7.

Milward, Colonel, C.B.—7.

Westphal, Admiral Sir George
Augustus, the last survivor of
Nelson's ship, the Victory.—12.

Kingsley, the Rev. Charles, Canon of
Westminster.—23.

Westminster.—23.
Gray, John, Esq., many years Solicitor to the Treasury.—23.
M'Donnell, the Right Hon. Sir Alexander, Bart., of Dublin.—21.
Garland, John Bingley, Esq., of Leeson, Swanage, and Wimborne Minster, Dorset.—12.
Carnaryon, the Right Hon. Evelyn, Countess of.—25.
Leahy, the Most Rev. Dr. Patrick, Roman Catholic Archbishop of Cashel.—26.
St. Leonards, the Right Hon. Sir Edward Burtenshaw Sugden, Lord.—29.

-29.

—29. Fisher, Sir James Hurtle, of Adelaide, South Australia.—28. De Gala, the Chevalier Victor, M. A. R. de Marion, of the French Army.

FEBRUARY.

Yarborough, the Right Hon. Charles Anderson Pelham, third Earl of.

Jebb, Samuel Henry, Esq., of Boston,

Jebb, Samuel Henry, Esq., of Boston, Lincolnshire.—7.
Bennett, Sir William Sterndale, an eminent musical composer.—7.
Prideaux, Sir Edmund Saunderson, Bart., of Netheston, Devon.—11.
Estace, Captain Stannard, of Robertstown, Kildare.—14.
Lyell, Sir Charles, Bart., an eminent geologist.—22.
Hildyard, the Rev. William, M.A., Rector of Market Deeping.—11.
Long, Richard Penruddocke, Esq., of Rood Ashton, Wilts.—16.
Hoare, John Gurney, Esq., of Hampstead.—17.
Peel, the Very Rev. John, D.D., Dean of Worcester.—18.
Lemon, General Thomas, C.B., Royal Marine Light Infantry.—22.
Shouldham, General Thomas Henry, of the Bengal Army.—22.

of the Bengal Army.—22. Corot, John Baptiste, a well-known

French artist.—22.
Norton, the Hon. George Chapple, magistrate of the Lambeth Police

magistrate of the Lambeth Police Court.—24. Freeman, the Ven. Philip, M.A., Archdeacon of Exeter.—24. Birch, Lieutenant-General Sir Richard J. Holwell, K.C.B., &c.—

Harding, Major-General Francis Pym, C.B.—26. Margary, Augustus Raymond, Esq., of India.—26.

Philip John Birnie, sculptor.—3. Grant, General Sir James Hope, G.C.B.—7. Warrender, Lady Helen.—11.

Warrender, Lady Helen.—11.
Warner, Edward. Esq., of Higham
Hall, Woodford, Essex.—7.
Helps, Sir Arthur, K.C.B., Clerk of
the Council, &c.—7.
Gomm, Field-Marshal, Sir William
Maynard, G.C.B., D.C.L., &c.—13.
Ramsay, Sir Alexander, third
Baronet, of Balmain, Kincardineshire.—3.

Kellett, Admiral Sir Henry, K.C.B.,

Agthorp, Major-General East, C.B., Madras Army.—3. Smirke, Sir Edward, of Thurloe-

Stewart, Rev. Edward, M.A., formerly M.P. for Wigton.—30.
Nixon, Lieutenant-Colonel, Rifle Brigade.—31.
Reid, Robert, Esq., M.P. for the Kirkealdy Burghs.—30.
Need, Rear-Admiral Henry.—29.
Errington, Sir Rowland, Bart.—31.
Osment, David, an old and well-known Freemason.—21.
Aldridge, Vice-Admiral J. Williams.—26.

APRIL

Waldron, Laurence, Esq., of Bally-brack, formerly M.P. for Tip-perary.—3. Rogers, W. G., wood carver.—3. Quinet, Edgar M., French his-torian—3.

Dunsany, the Right Hon. Elizabeth,

Dowager Lady.—2. Scarsdale, the Right Hon. Blanche,

Lady.—4.
Stanley, the Hon. Henry Thomas, of Stanley Hall, Preston.—2.

Chelmsford, the Right Hon. Anna Maria, Lady.—9. Gray, Sir John, Knight, M.P. for Kil-

Maria, Lady.—9.
Gray, Sir John, Knight, M.P. for Kilkenny.—9.
Hewlett, Vice Admiral Richard Strode, C.B.—9.
Brunnow, Philip, Count, formerly Ambassador for Russia.—12.
Durrant, Sir Henry Josias, fourth Baronet.—6.
Gibbs, William, Esq., of Tyntesfeld, Somerset.—3.
Northcote, George Barons, Esq., of Somerset Court.—2.
Curwen, Edward Stanley, Esq., of Workington Hall.—8.
Barlow, General Maurice, C.B.—12.
Middleton, Colonel William Alexander, C.B.—11.
Drummond, General John, of the Boyce, Gloucester.—15.
Hervey, Lord Alfred, M.A., Receiver-General of Inland Revenue.—15.
Lighton, the Rev. Sir Christopher Robert, sixth Baronet of Merville.—12.

Tredegar, the Right Hon. Charles Morgan Robinson Morgan, Lord.

Musgrave, the Venerable Charles, Archdeacon of Craven, &c.—17. Croce-Spinelli, M.A., French Engi-

Croce-Spinelli, M.A., French Engineer.—15.
Sivel, M., an officer of the French Navy.—15.
Hawley, Sir Joseph Henry, third Baronet of Leybourne Grange.—20.
Woollcombe, Brigadier-General John Dobree, C.B., B.A.—20.
Hobart, Vere Henry, Lord, Governor of Madras.—27.
Carnwath, the Right Hon. Arthur Alexander Dalzell, Earl of.—28.
Pigott, the Hon. Sir Gillery, Baron of the Court of Exchequer.—28.
Barrington, Lady Caroline.—28.
Pickersgill, Henry William, Esq., R.A.—28.

R.A. Wright, Thomas, the prison philanthropist.—14. Waldeck, Jean Frederic, Count.—29.

MAY.

Graham, Sir Sandford, Baronet, of Kirkstall, Yorkshire.—2. Osborn, Rear Admiral Sherard, C.B., F.R.S., &c.—6. Walpole, Admiral William.—8. King, the Rev. John William, of the Hall, Ashby-de-la-Launde.—9. Aitchison, General Sir John, G.C.B.,

Kellett, ... &c.—1.
Apthorp, Major-General Madras Army.—3.
Smirke, Sir Edward, of Thurloesquare.—4.
Gurney, Sir Goldworthy, a well-known man of science.—7.
Yarburgh, George John, Esq., of Heslington Hall, York.—16.
Mitchell, Thomas Alexander, Esq., M.P. for Bridport.—16.
Jarnac, his Excellency Count de, Ambassador from France to the Court of St. James's.—22.
Lloyd, Thomas, Esq., C.B.—23.
Mackay, Colonel Honeyman.—27.
Westbury, the Right Hon. Donald, Lord.—19.
Cust, the Hon. Charles Henry.—19.
Sinclair, the Ven. John, M.A., Archdeacon of Middlesex.—22.
Baxter, of Hadney, ...
Karlley, ...
Bart., of Hadney, ...
Thomas, Captain John.
Werecked in the Schiller.—18.
Graville Henry Stuart Knox, fourth Earl of.—10.
Gore Langton, William Henry, Esq., of Clifton Court, Gloucester.—16.
Sinclair, the Ven. John, M.A., Archdeacon of Middlesex.—22.
Baxter, Dudley, Esq., dept.—18.
Henry Court of St. James's.—29.
Horsford, Sir Robert March, C.B., late Chief Justice of Antigua.—23.
Hervey, Lord Augustus Henry Charles, M.P., for West Suffolk.—28.



LEIGHTON, BROS.

Scott, Vice-Admiral Francis, C.B., of Harecroft, Cumberland.—1. Bray, the Right Hon. Sir Eric Mackay, ninth Lord.—2. Webster, Thomas, Esq., Q.C., F.R.S.,

Walker, Frederick, Esq., A.R.A.—4. Pugin, Edward Welby, Esq., archi-tect.—7.

t, Count Charles Frederick Remusat, Count Charles Frederick de, a French political leader and writer.—6. Molesworth, the Right Hon. Richard

Pigot, Viscount.—17. Hibbert, Captain John Hubert Wash-

ington, of Bilton Grange, Warwickshire.—18.
Campbell, Sir Louis Henry Dugald,

Campbell, Sir Louis Reiny Dugan, Bart., of Auckenbreck.—22. Logan, Sir William Edmund, LL.D., F.R.S., &c., late Director-General of the Geological Survey of Canada.—22. Biddell, Major-General William,

Biddell, C.B.—22

C.B.—22.
Miller, Major - General Edward,
A.G.—22.
Bertrand, M., late Mayor of Caen
and Member of the Legislative
Assembly.—22.
Charleville, the Right Hon. Alfred
Bury, fifth Earl of.—26.
Lovat, the Right Hon. Thomas
Alexander Fraser, Lord.—28.

JULY.

Arrow, Sir Frederick, Deputy-Master

of the Trinity House.—17.
O'Connell, Morgan John, Esq., formerly M.P. for Kerry.—2.
Scudamore, John Lucy, Esq., of Kenchurch Court, Herefordships shire.

Osborne, Sir William, of Beechwood Park, twelfth Baronet.—2.

Cairnes, John Elliott, Esq., A.M., LL.D., Emeritus Professor of Political Economy in University

Pointeal Economy in Chiveleny College, London.—8. Franklin, Jane, Lady, widow of the great Arctic explorer.—18. Head, the Right Hon. Sir Francis, Bart., K.C.H., late Lieutenant-Governor of Canada.—20. followay, General Sir Thomas,

Governor of Canada.—20.
Holloway, General Sir Thomas,
K.C.B.—21.
Locock, Sir Charles, Bart., M.D.,
F.R.S., &c.—23.
Thirlwall, Dr. Connop, Right Rev.,
Bishop of St. Davids.—27.
Latham, Dr. Peter Mere.—27.
Hobart, Frederick, John, Lord.—24.
Andersen, Hans Christian, a celebreted Davish writer.—28 brated Danish writer .- 28.

Baldock, Edward Holmes, Esq., for-merly M.P. for Shrewsbury.—15. Cottesloe, the Right Hon. Louisa Elizabeth, Lady.—17. Dunbar, George, Esq., of Woburn, in the county of Down, formerly M.P. for Belfast.—17. Ryan, the Right Hon. Sir Edward, one of the Civil Service Commis-sioners.—23

sioners

sioners.—23.
Sutherland-Dunbar, Sir George, of Caithness-shire.—15.
Grantley, Lord, Baron of Markenfield, in the county of York, and High Steward of Allerton and Guildford.—28.
Williams-Bulkeley, Sir R. B., tenth Baronet, of Penrhyn, in the county of Carnarvon.—28.
Welby-Gregory, Sir Glynne E., third Baronet, of Denton, in the county of Lincoln.—23.
Hall, General, of Merville, in the county of Dublin.—21.

# CIVIL LIST PENSIONS.

CIVIL LIST PENSIONS.

The following is the list of all pensions granted during the year ended June 20, 1875, and charged upon the Civil List:—Mrs. Clarissa Hested Cattermole, in consideration of the services rendered to art by her husband, the late George Cattermole, painter in water colours, £100; Mrs. Sarah Falcieri, widow of Giovanni Battista Falcieri, the faithful servant of Lord Byron, £50; Mr. John Turtle Wood, in recognition of his labours at Ephesus, and the distinguished service rendred by him to science and history by the discovery of the site of the Temple of Diana, and by the acquisition for the British Museum of a most valuable collection of sculptures, architectural marbles, and Greek and Roman inscriptions, £200; Bessie, Lady Helps, in consideration of the long and able services rendered by her late husband, Sir Arthur Helps, D.C.L., K.C.B., as Clerk of her Majesty's Privy Council, and in recognition of his literary talents, £200; Mrs. Frances Eliza Kingsley, as a tribute of respect to the memory of her late husband, the Rev. Charles Kingsley, Canon of Middleham and Westminster, a scholar, author, and divine, £200; Mrs. Anne Williams, in recognition of the services rendered to Welsh literature by her late husband, the Rev. Morris Williams, Rector of Llannhyddlad, Anglesey, better known as Nicander, £50; Mrs. Harriett Christiana Dwelly, in consideration of the long and able services, extending over a period of forty years, of her late husband, John Holmes Dwelly, chief clerk in the department of the solicitor to the Commissioners of Inland Revenue, £50; Mrs. Frances Philip, in consideration of the services rendered to art by her late husband, John Birnie Philip, the sculptor, £100; Mrs. C. L. G. Maclean, in recognition of the distinguished services of her late husband, Colonel John Maclean, C.B., formerly Lieutenant-Governor of Natal, during the Kaffir wars of 1846-7, and 1850-1-2-3, and in consideration of her destitute circumstances, £100; Elizabeth Helen, Lady Grant, in recognition of the disti

#### LONDON SCHOOL BOARD EXPENDITURE.

LONDON SCHOOL BOARD EXPENDITURE.

The income side of the account showed that the balance on Sept. 29, 1874, was £107,320; the grants during the half-year from the Committee of Council on Education amounted to £13,276 14s. The amounts paid by the rating authorities on account of all precepts was £74,834 17s. 9d.; the school fees paid amounted to £15,121 17s. 5d.; from endowment, £92 7s. 5d.; contributions from the Treasury in aid of industrial schools, £105 17s. The loans raised in the half year were:—Loan XI., £70,000; Loan XII., £77,225; Loan XIII., £74,000—in all, £221,225. A temporary loan of £55,000 was obtained from the treasurers, and £354 10s. 4d. had been received from the Science and Art Department, from scholarship funds, and from the dividends on invested scholarship funds. The total was £487,331 6s. 3d. On the expenditure side it was shown that the officers of the staff had cost £4850; the officers for enforcing the compulsory by-laws had cost £9191 6s.; the salaries of teachers in schools came to £59,120 0s. 3d.; books, &c., £15,466 2s. 5d.; printing, &c., £5783 16s. 3d.; rent, taxes, and insurance, £6740 19s. 8d.; furniture and fittings, £25,146 9s. 5d.; the leal millipt, £4105 7s. 8d.; land for schools, with legal and surveyors' charges, £92,260 18s. 11d.; erection, &c., of school buildings, £163,244 19s. 8d.; repairs to buildings, £4025 16s.; fees for children paid by the board (under the twenty-fifth clause), £11 5s. 5d.; industrial schools (maintenance of "arab" children, enlargement of the board's own school at Brentwood, &c.), £4857 12s. 3d.; interest on loans, £17,929 8s. 11d.; repayment of loans, £3373 1s. 11d. Other expenses, including £14,084 10s. 9d. on account of the permanent offices of the board, made a total of £434,891 13s. 3d. The sums in hand on different accounts

amounted in all to £52,439 13s., making £487,331 6s. 3d. The expenditure amounted in an to £02,409 138., making £457,031 08. 30. The expenditure of the last half year was £87,167 68. above the corresponding half of the previous year. The outstanding liabilities of the board at the end of the half year were stated at £1,533,933 178. 8d., while at the end of the corresponding half of the previous year they were £1,051,153 98. 8d., showing an increase of £482,780 8s. The schools agreed to be provided numbered 197, and provided for the accommodation of 152,984 children.

#### POPULATION OF THE UNITED KINGDOM.

Previous to 1801 there existed no official return of the population of either England or Scotland; nor was it till 1813 that statesmen had anything more than surmise to guide them respecting Ireland, and the Census then taken of that country was far from correct. The estimate formed of the English population at various periods, calculated from the numbers of baptisms, burials, and marriages, was in the years—

1570..........4,160,221 | 1670..........5,773,646

1600. 4,811,718 1700. 6,6045,008 1630. 5,600,517 1750. 6,517,035													
U. Kingd.	1821.	1831.	1841.	1851.	1861.	1871.							
Eng. & W. Scotland. Ireland. Islands. Army.*	12,172,664 2,137,325 6,869,544 92,654	14,051,986 2,405,610 7,828,347 106,542	16,035,198 2,652,339 8,222,664 126,249 702,954	18,054,170 2,922,362 6,623,982 145,435 212,194	20,228,417 3,096,808 5,850,309 145,674 250,356	22,712,266 3,360,018 5,411,416 144,638 229,000							

U. Kingd. 21,272,187 24,392,485 27,239,404 27,958,143 29,571,644 31,857,338 \* Army, Navy, and Seamen Abroad.

Population Enumerated in England and Wales, Scotland, and Irrland, at each Decennial Census, 1801-71, and Islands in the British Seas, in 1851-71.\*

		POPULATION		. INCREA	SE.	FAMILIES.		
ENGLAND AND WALES.	Males.	Females.	Total.	Decennial.	Per cent.	Number.	Per- sons in each	
*1801	4,254,735	4,637,801	8,892,536	M _ 50	_	1,896,723	4.69	
*1811	4,873,605	5,290,651	10,164,256	1,271,720	14:30	2,142,147	4.74	
*1821	5,850,319	6,149,917	12,000,236	1,835,980	18.06	2,493,423	4.81	
*1831	6,771,196	7,125,601	13,896,797	1,896,561	15.80	2,911,874	4.77	
*1841	7,777,586	8,136,562	15,914,148	2,017,351	14.52	**	**	
1851	8,781,225	9,146,384	17,927,609	2,013,461	12.65	3,712,290	4.83	
1861	9,776,250	10,289,965	20,066,224	2,138,615	11.93	4,491,524	4.47	
1871	11,058,934	11,653,332	22,712,266	2,646,042	13.19	_	-	
SCOTLAND								
1801	739,091	869,329	1,608,420	_	-	364,079	4.41	
1811	826,296	979,568	1,805,864	197,444	12.27	402,068	4.48	
1821	982,623	1,108,898	2,091,521	285,657	15.82	447,960	4.66	
1831	1,114,456	1,249,930	2,364,386	272,865	13.04	502,301	4.7	
1841	1,241,862	1,378,322	2,620,184	255,798	10.82	550,428	4.76	
1851	1,375,479	1,513,263	2,888,742	268,558	10.25	600,098	4.81	
1861	1,449,848	1,612,440	3,062,294	173,552	6.00	678,584	4.2	
1871	1,603,143	1,756,875	3,360,018	297,724	9.72	742,694	4.5	
IRELAND								
1821	3,341,926	3,459,901	6,801,827		-	1,312,032	5.18	
1831	3,794,880	3,972,521	7,767,401	965,574	14.19	1,385,066	5.61	
1841	4,019,576	4,155,548	7,175,124	407,723	5.25	1,472,739	5.20	
1851	3,212,523	3,361,755	6,574,278	+1,600,846	†19.58	1,204,319	5'44	
1861	2,837,370	2,961,597	5,798,967	+775,311	†11.79	1,128,300	5'14	
1871 ISLANDS	2,639,826	2,771,590	5,411,416	+387,551	+6.83	1,071,494	5.04	
1851	66,854	76,272	143,126	19,086			1.0	
1861	66,140	77,307	143,126	321	-	31,530	4.55	
1871	66,222	78,416	144,638	1191		31,000	4 00	
1011	00,222	10,410	144,000	1101		The second second	1 6	

Exclusive of the Army, Navy, and Merchant Seamen at Home and Abroad, and of the Army, Navy, and Merchant Seamen Abroad only, in 1841, 1851, and 1881. The Army, N-vy, and Merchant Seamen, at Home and Abroad, were—in 1801, 422,013 in 1811, 502,536; in 1821, 289,085; and in 1831, 260,191.
† Decrease in Ireland.

As a brief result, the Census of 1871 shows an increase of 2,646,042 persons, As a brief result, the celestist of 16 shows after tease of 2,040,042 persons, and 519,612 inhabited houses, in England and Wales; in Scotland, increases of 297,724 and 18,965; in the Channel Islands and Man, increases of 1191 and 944; but in Ireland, a decrease of 387,551 persons (or 56,806 families) and 33,927 houses; giving, after these deductions, an increase of 2,285,694 persons and 505,620 inhabited houses.

Postal Telegraph Progress.—In the financial year ending March 31, 1871, the number of messages sent by the Post-Office telegraphs was 9,850,177; in the next year, 1871-2, the number rose to 12,473,796; in 1872-3 it was 15,535,780; in 1873-4, 17,821,530; and in 1874-5, 19,253,120. There are now 5600 telegraph offices where there were formerly only 2000; 24,000 miles of line and 108,000 miles of wire where there were formerly only 5600 miles of line and about 50,000 miles of wire; and 12,000 instruments where there were 1900. New inventions, such as the Wheatstone instrument and Stearn's patent for duplex telegraphy, have been adopted. A better educated class of clerks and a higher class of messengers have been brought into the service, greatly to its improvement. The following table is appended, showing the receipts and expenditure of each financial year since the transfer of the telegraphs to the State:—

Year. Income. Expenditure

DITC DITUINSTCI	OI DIIC	ocree.	tubing to th	CN	· June					
Year.			Inco	me.			Expend	itur	re.	
			£	S.	d.		£	S.	d.	
1870-1			697,933	16	8	 	394,477	3	3	
1871-2			751,610	10	9	 	591,775	18	01	
1872-3			978,066	0	5	 101	874,945		81	
1873-4			1,057,823	15	2	 	967,790	8	21	
1874-5			1,120,000	0	0	 	1.083.275	0	0	

The margin between income and expenditure is becoming gradually smaller every year. The proportion of working expenses to income has been as follows:—In 1871-2, nearly 78\(^2\) per cent; in 1872-3, nearly 89\(^2\) per cent; in 1873-4, nearly 91\(^2\) per cent; in 1874-5, more than 96\(^2\) per cent.

JULY.



OLD MODES OF LOCOMOTION .- THE PACK-HORSE TRAIN.

D.	D.	ANNIVERSARIES,		SUN.	1180		OON.	DURATION	N OF MC	OONLIGHT.	Para	HIGH W	ATER AT	o made	D
OF M.	OF W.	FESTIVALS. OCCURRENCES, ETC.	Rises.	Souths	Sets.	Rises.	Sets.	Before Sunrise.	Moon's Age.	After Sunset.	London H	Bridge.	Liverpo	ool Dock.	Day of
	_	OCCURRENCES, ETC.		Noon.	1977	Aftern.	Morn.	O'Clock.	Loo	O'Clock.	Morn.	Aftern.	Morn.	Aftern.	Year.
1	S	Princess Alice married, 1862	н. м.	м. в.	н. м.	н. м.	н. м. 0 2	0 1 2 3 4	STREET, STREET	8 9 10 11 15		н. м. 10 1	н. м. 6 10	н. м. 6 43	183
2	5	3RD SUND. AFT. TRINITY	3 50	3 48	8 17	5 14	0 19		10			11 9	7 17	7 52	184
3	M	Dog Days begin	3 51	3 59	8 16	6 25	0 40		11		11 40	11 0	8 25	8 56	185
4	Tu	Bishop Watson died, 1816	3 52	4 10	8 15	7 31	1 12		12		0 7	0 34	9 23	9 50	186
5	W		3 53	4 20	8 14	8 22	1 53		13		1 0	1 22	10 16	10 38	
6	Th	Princess Helena married, 1866 Princess Victoria Alexandra of	3 54	4 30	8 14	8 59	2 49		14		1 11				187
7	F	Wales born, 1868	3 55	4 40	8 13	9 26	3 56				1 44 2 24		ALCOHOL ST.	11 20	188
8	S	John Huss burnt, 1415		4 49	-	9 47			16			2 41	11 40	11 56	189
9	2 148	Oxford Trinity Term ends	3 56						17		3 0	3 17	- 00	0 16	190
	M	4TH SUND. AFTER TRINITY	3 57	4 58	8 12	10 1	6 24		18		3 34	3 52	0 33	0 50	191
10		Columbus born, 1447	3 58	5 6	8 12	10 13	7 37		19		4 10	4 27	1 8	1 26	192
11	Tu	Peace of Villafranca, 1859	3 59	5 14	8 11	10 24	8 51		20		4 44	5 0	1 43	2 0	193
12	W	John A. Kinglake (author) died, 1870	4 0	5 22	8 11	10 34	10 5		21		5 18	5 36	2 16	2 34	194
13	Th	John Cooper (actor) died, 1870	4 1	5 29	8 10	10 45	11 21		22		5 55	6 14	2 52	3 11	195
14	F	Bastile destroyed, 1789	4 2	5 36	8 9	10 57	Aftern.		0		6 36	6 58	3 30	3 52	196
15	S	St. Swithin	4 3	5 42	8 9	11 14	2 3		24		7 22	7 48	4 14	4 38	197
16	2	5TH SUND. AFTER TRINITY	4 4	5 48	8 8	11 37	3 32	22 11 13 16	25		8 14	8 44	5 4	5 30	198
17	M	Dr. Watts born, 1674	4 5	5 53	8 7	Morn.	5 1		26		9 20	9 58	6 0	6 36	199
18	Tu	Battle of Vienna, 1683	4 6	5 57	8 6	0 11	6 23		27			1 17	7 14	7 56	200
19	W	Princess Augusta of Cambridge born, 1822	4 7	6 2	8 5	1 5	7 26		28		11 54	-	8 33	9 10	201
20	Th	Spanish Armada defeated, 1588	4 8	6 5	8 3	2 20	8 12		29			0 58	9 43	10 14	202
21	F	Robert Burns died, 1796	4 9	6 8	8 2	3 51	8 41		0			1 54	10 43	11 10	203
22	S	St. Mary Magdalene	4 11	6 11	8 0	5 28	9 3		1		2 22	2 48	11 38	-	204
23	\$	6TH SUND. AFTER TRINITY	4 12	6 13	7 59	7 0	9 18		2		3 14	3 37	0 4	0 30	205
24	M	Princess Victoria of Prussia born, 1860	4 13	6 14	7 57	8 27	9 31		3		20 22 3	4 24	0 53	1 16	206
25	Tu	St. James	4 15	6 15	7 56	9 50	9 44		4			5 7	1 40	2 2	207
26	W	St. Anne	4 16	6 15	7.54	11 10	9 56		5		Total Control of the	5 48	2 23	2 43	208
27	Th	Battle of Talavera, 1809	4 18	6 14	7 53	Aftern.	10 8		6			6 30	3 4	3 24	209
28	F	Cowley died, 1667	4 19	6 13	7 51	1 46	10 24		0		6 50	7 10	3 46	4 6	210
29	S	Battle of Beylan, 1832	4 21	6 11	7 50	3 4	10 45		8			8 0	4 26	4 50	211
30	3	7th Sund. After Trinity	4 23	6 9	7 48	4 17	11 11		9		8 27	9 0	5 16	5 43	212
31	M	Gray died, 1771	4 24	6 6	7 48	5 25	11 49		10		9 40 1	0 24	6 16	6 56	213



THE PROMENADE.
FROM "THE ILLUSTRATED LONDON NEWS."

THE ILLUSTRATED LOND	ON ALMANA
STAMP DUTIES.	Of any furnished d for such term ex
ADMISSIONS in England, Scotland, or Ireland, to act as an  Advocate in any Court	Of any lands, tener wise than as afor the rent reserved For any other de or heritable sul consideration, musits of any mon the same duty a Where the consideration a yearly rent or consideration and the same duty a where the consideration and the same duty a where the consideration are the consideration of the same duty and the same du
If previously paid £60 duty on articles of clerkship 25 0 0 If previously admitted as Solicitor or Procurator in any	
inferior Court	
In Scotland or Ireland 20 0 0 0 Admission as a Fellow of College of Physicians 25 0 0	Not exceeding £5
To the degree of Doctor of Medicine, Scotch University 10 0 0 Admission as a Burgess in any Corporation or Company 3 0 0 Admission as a Burgess in Scotland 0 5 0	Exc. £5 and not en
Admission, appointment, or grant to or of any office or employment— Where the annual salary, fees, or emoluments appertaining to	,, 15 ,, ,, 20 ,, ,, 25 ,,
such office or employment do not exceed £100        2       0       0         Exceed £100 and do not exceed £150         4       0       0          150         6       0       0	,, 50 ,, ,, 75 ,,
,, 200 ,, 250 8 0 0 ,, 250 ,, 300 10 0 0	For every full sum of any fractional pa
For every £100, and for every fractional part of £100	Of any other kind wh
grant. First appointment of any person to the office or employment of out- door officer, boatman, waterman, or watchman in the service of the Customs. Periodical readmission or reappointment to any office.	one view, and the 1d. an adhesive stamp. SOLICITORS' CER'
AFFIDAVIT, or Statutory declaration made under the provisions of 5 and 6 Will. 4, c. 62 £0 2 6	admitted or enroll Ireland as an Attor
APPOINTMENTS, whether by way of Donation, Presentation, or Nomination, and Admission, Collation, or Institution, to or License to hold	If such carrie
any ecclesiastical benefice, dignity, or promotion, or any perpetual curacy. In England, if the net yearly value thereof exceeds—	In England, within Post Office in the C
£50 and not exc. £100 £1 0 0   £200 and not exc. £250 £4 0 0   100 ,, 150 2 0 0   250 300 50 0   150 ,, 200 3 0 0   300 7 0 0	In Scotland, within the Cit In Ireland, in the Cit miles therefrom
And also (if such yearly value exceeds £300) for every £100 of such yearly value over and above £200 a further duty of 5 0 0	In England, Scotlan above-mentioned li
In Scotland	Of any stock of the
APPOINTMENT of a new trustee, and appointment in execution of a newer of any property, or of any use, share, or interest in	England Of any stock of the Of any debenture
any property, by any instrument not being a will £0 10 0	corporation. For of £100, of the no
APPRAISEMENT or valuation of any property, or of any interest therein, or of the annual value thereof, or of any dilapidations, or of any repairs wanted, or of the materials and labour used or to be used	On sale of any properties of the debt as aforesaid.  Not exceeding £5
in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building, or of any artificers' work whatsoever:— in any building artificers' work whatsoever: in any building artificers' work white ar	Exc. £5 and not exc.
", 10 ", 20 0 1 0 ", 100 ", 200 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0	,, 15 ,, ,, 20 ,,
". 30 40 0 2 0   500 1 0 0 Exemptions.—Appraisement or valuation made for, and for the information of, one party only, and not being in any manner obligatory as between	For every £50, an amount or value
parties either by agreement or operation of law. Appraisement or valuation made in pursuance of the order of any Court of Admiralty or Vice-	LETTERS or POW
Admiralty, or for the purpose of ascertaining the legacy or succession duty.  AWARD in England or Ireland, and Award or Decreet Arbitral in Scotland.	By any petty officer, such person for rec
Where the amount or value of the matter in dispute— Not exceeding £5 £0 0 3   Exc. £50 and not exc. £100 £0 5 0 Exc. £5 and not exc. £10 0 0 6   ,100 , 200 0 10 0   $\frac{100}{200}$ $\frac{100}{200}$ 0 10 0	For the receipt of the
" 10 " 20 0 1 6 " 200 " 750 1 0 0	For the receipt of an promissory note for
", 30 ", 40 0 2 0 ", 750 ", 1000 1 5 0 40 ", 50 0 2 6	any periodical pays (not being hereinb
And where it exceeds £1000, and in any other case not above provided for 115 0	For the sale, transfer Parliamentary stoo Where the value of
BANK NOTE for money:—  Not exceeding £1 0 0 5   Exc. £10 and not exc. £20 0 2 0  Exc. £1 and not exc. £2 0 0 10   ,, 20 ,, 30 0 3 0  2 ,, 5 0 1 3 ,, 30 ,, 50 0 5 0	In any other case Of any kind whatsoe
	of any definite and co or funds producing a
BELL OF EXCHANGE, payable on demand of the street	attorney or proxy file any Ecclesiastical Co
or indorsed, or in any manner negotiated in the United Kingdom or indorsed, or in any manner negotiated in the United Kingdom or indorsed, or in any manner negotiated in the United Kingdom.	LICENSE for MAR
or indorsed, or in any manner negotiated in the United Ringdom:—  Not exceeding £5 £0 0 1   Exc. £25 and not exc. £50 £0 0 6  Exc. £5 and not exc. £10 0 0 2   ,, 50 ,, 75 0 0 9  10 , 25 0 0 3   ,, 75 ,, 100 0 1 0	Special, in Englan LUNATIC, grant of
For every £100, and also for any fractional part of also, or 1 0	BIRTHS, MARRIA tract of or from (To be paid
of England or Bank of Ireland, and certain other Bankers' order, letter of	Exemptions.—Copie
credit, &c. BILL OF LADING of any goods, merchandise, or effects to be exported or carried coastwise £0 0 6	7th William IV., c. 8
BOND, Covenant, or Instrument to secure any sum of money, not	and copies under the Government Annuit GRANT or LET
Bond of any kind not specifically charged with duty, and when the amount does exceed £300, the same ad valorem duty as a Bond for a limited amount. In any other case 0 10 0	Palatine of Lancaste
for a limited amount. In any other case 010 0  LEASE or TACK—For any definite term less than a year:	Of the dignity of

THE ILLUSTRATED LOND	ON ALMANACK FOR 1876.
STAMP DUTIES.	Of any furnished dwelling-house or apartments where the rent
	for such term exceeds £25 0 2 6 Of any lands, tenements, or heritable subjects except or other-
ADMISSIONS in England, Scotland, or Ireland, to act as an Advocate in any Court	wise than as aforesaid the same duty as a lease for a year at the rent reserved for the definite term.
Advocate in any Court	For any other definite or indefinite term: Of any lands, tenements, or heritable subjects where the consideration, or any part of the
To be a member of either the four Inns of Court 25 0 0	consideration, moving either to the lessor or to any other person, consists of any money, stock, or security: In respect of such consideration
To act as an Attorney, Solicitor, or Proctor 25 0 0	the same duty as a conveyance on a sale for the same consideration.
To act as a Writer to the Signet, Attorney, or in the Court of Session, &c., Scotland 85 0 0	Where the consideration or any part of the consideration is reserved as a yearly rent or otherwise, is at a rate or average rate:—
If previously paid £60 duty on articles of clerkship 25 0 0 If previously admitted as Solicitor or Procurator in any	If the term is definite, and does not exceeds 3.6
inferior Court	exceed 50   but not   exceeds
England 30 0 0 In Scotland or Ireland 20 0 0	years, or is indefinite. 100 years. 100 years.
Admission as a Fellow of College of Physicians 25 0 0	Not exceeding £5 per annum
To the degree of Doctor of Medicine, Scotch University 10 0 0 Admission as a Burgess in any Corporation or Company 3 0 0	Exc. £5 and not exceeding £10 0 1 0 0 6 0 0 12 0
Admission as a Burgess in Scotland 0 5 0 Admission, appointment, or grant to or of any office or employment—	15 20 0 2 0 0 12 0 1 4 0
Where the annual salary, fees, or emoluments appertaining to such office or employment do not exceed £100 2 0 0	", 20 ", ", 25 0 2 6 0 15 0 1 10 0 ", 25 ", ", 50 0 5 0 1 10 0 3 0 0 ", 50 ", 75 0 7 6 2 5 0 4 10 0
Exceed £100 and do not exceed £150 4 0 0 , 150 ,, 200 6 0 0	
,, 200 ,, 250 8 0 0	For every full sum of £50, and also for any fractional part of £50 thereof 0 5 0 1 10 0 3 0 0
For every £100, and for every fractional part of £100 5 0 0	Of any other kind whatsoever not bereinbefore described 0 10 0
Exemptions.—Admission proceeding upon a duly stamped appointment or grant. First appointment of any person to the office or employment of out.	Note.—The charges under this head have all been brought together under one view, and the 1d. duty upon small and short lettings may be denoted by
door officer, boatman, waterman, or watchman in the service of the Customs. Periodical readmission or reappointment to any office.	an adhesive stamp.  SOLICITORS' CERTIFICATES, to be taken out yearly by every person
AFFIDAVIT, or Statutory declaration made under the provisions of 5 and 6 Will. 4, c. 62 £0 2 6	admitted or enrolled, or who has carried on business, in England or Ireland as an Attorney, Solicitor, or Notary:—
APPOINTMENTS, whether by way of Donation, Presentation, or Nomination, and Admission, Collation, or Institution, to or License to hold	If such person practises or carries on his business  Three Years or upwards.  Three Years or upwards.
any ecclesiastical benefice, dignity, or promotion, or any perpetual curacy.	In England, within ten miles from the General
In England, if the net yearly value thereof exceeds— £50 and not exc. £100 £1 0 0   £200 and not exc. £250 £4 0 0	Post Office in the City of London $\pounds$ s. d. $\pounds$ s. d. In Scotland, within the City or Shire of Edinburgh $0$ 9 0 0 4 10 0
	In Ireland, in the City of Dublin, or within three
And also (if such yearly value exceeds £300) for every £100 of such yearly value over and above £200 a further duty of 5 0 0	In England, Scotland, or Ireland, beyond the above-mentioned limits 6 0 0 3 0 0
In Scotland 2 0 0 Exemptions.—Admission, collation, institution, or license proceeding upon	CONVEYANCE or TRANSFER, whether on sale or otherwise— Of any stock of the Governor and Company of the Bank of
a duly stamped donation, presentation, or nomination.	England
APPOINTMENT of a new trustee, and appointment in execution of a power of any property, or of any use, share, or interest in	England £0 7 9 Of any stock of the East India Company 1 10 0 Of any debenture stock or funded debt of any company or
any property, by any instrument not being a will £0 10 0	corporation. For every £100, and also for any fractional part of £100, of the nominal amount transferred 0 2 6 On sale of any property (except such stock or debenture stock or funded
APPRAISEMENT or valuation of any property, or of any interest therein, or of the annual value thereof, or of any dilapidations, or of any repairs wanted, or of the materials and labour used or to be used in a building or	
in any bundles, of of any artificials of the conductive and the conduc	Not exceeding £5 0 0 6 Ex. £50 and not exc. £75 £0 7 6 Exc. £5 and not exc. £10 0 1 0 , 75 , 100 0 10 0
Not exceeding £5 £0 0 3 Exc. £40 and not exc. £50 £0 2 6 Exc. £5 and not exc. £10 0 0 6 ,, 50 ,, 100 0 5 0	" 15 " 15 0 1 6 ", 100 ", 120 0 15 0
", 10 ", 20 0 1 0 ", 100 ", 200 0 15 0 ", 200 0 15 0	" 20 " 25 0 2 6 " 150 " 175 0 17 6 " 25 0 5 0 " 175 " 200 1 0 0
Not exceeding 15	For every 450, and also for any fractional part of 250 of such
action of, one party only, and not being in any manner obligatory as between	amount or value 0 5 0  LETTERS or POWER of ATTORNEY for the sole purpose of
Admiralty, or for the purpose of ascertaining the legacy or succession duty.	voting by proxy 0 0 1 By any petty officer, seamen, or marine, or soldier serving, of any
AWARD in England or Ireland, and Award or Decreet Arbitral in Scotland. Where the amount or value of the matter in dispute—	such person for receiving prize money or wages 0 1 0  For the receipt of the dividends or interests of any stock—
Where the amount of value of the matter in the state of the state o	When made for the receipt of one payment only
	In any other case If any sum of money or any bill of exchange or
", 20 ", 30 0 1 6 ", 500 ", 750 1 0 0 40 0 2 0 ", 750 ", 1000 1 5 0	any periodical payments not exceeding the annual sum of £10
37, 40 ,, 50 0 2 6 And where it exceeds £1000, and in any other case not above	(not being hereinbefore charged)  For the sale, transfer, or acceptance of any of the Government or
provided for	Parliamentary stocks or funds does not exceed £20 0 5 0
BANK NOTE for money:— Not exceeding £1 0 0 5   Exc. £10 and not exc. £20 0 2 0	In any other case
BANK NOTE for money.— Not exceeding £1 0 0 5   Exc. £10 and not exc. £20 0 2 0  Exc. £1 and not exc. £2 0 0 10   20	Exemptions.—Letters or power of attorney for the receipt of whitehas
DITT OF EXCHANGE payable on demand 0 0 1	of any definite and certain snare of the dovernment of reference or funds producing a yearly dividend of less than £3. Letters or power of attorney or proxy filed in the Court of Probate in England or Ireland, or in
Of any kind whatsoever (except a Bank Note) and Promissory Note of	any Ecclesiastical Court.  LETTERS of MARQUE and REPRISAL £5 0 0
an independ or in any manner negotiated in the United Kingdom;	
Not exceeding £5 £0 0 1   Exc. £25 and not exc. £50 £0 0 6   Exc. £55 and not exc. £10 0 0 2   ,, 50 ,, 75 0 0 9   ,, 10 ,, 25 0 0 3   ,, 75 ,, 100 0 1 0	Special, in England or Ireland, £5   Not special, in England, 105.
amount or value	tract of or from any register of
of England or Bank of Ireland, and certain other bankers ofter, fetter of	in pursuance of the 52nd George III., c. 146; certified copies sent by Super-
BILL OF LADING of any goods, merchandise, or effects to be exported or carried coastwise £0 0 6	7th William IV., c. 86; copies of extracts in pursuance of the rest of the res
DOND Covenant or Instrument to secure any sum of money, not	Government Annuaties through the medium of savings status.
secured by a tind not specifically charged with duty, and when the	GRANT or LETTERS PATENT under the Great Seal of the United Kingdom of Great Britain and Ireland, or the Seal of the Duchy or County
amount does exceed £300, the same ad valorem duty as a Bolid for a limited amount. In any other case 0 10 0	Palatine of Lancaster, &c.:— Of the dignity of a duke £350   Of the dignity of a viscount £200
LEASE or TACK—For any definite term less than a year:	Palatine of Lancaster, &c.:— Of the dignity of a duke £350   Of the dignity of a viscount £200 Of the dignity of a narquis 300 Of the dignity of a viscount £200 Of the dignity of a vi
house or tenement, at a rent not exceeding the rate of £10 per annum £0 0 1	Of a congé d'élire for the election of an archbishop or bishop 30
pes annual and	

THE	ILLU	STRA	TED	L	N	1
Of the Royal assent to, or significatio	n of, the	election	made by		1000	
any dean and chapter, or of the no by her Majesty, her heirs, or succ	mination	and pre	sentation	1		
election of any person to be an arch	bishop or	bishop		30	0	0
Of or for the restitution of the tempor	ralities to	any ar	chbishop	30	0	0
Of any other honour, dignity, or pro-	motion wh	atsoeve	r	30	0	0
Of any franchise, liberty, or privile politic or corporate				30	0	0
Exemptions.—Commissions of rebell briefs for collecting charitable benevole	ion in pro	ocess.	Letters	pater	nt (	or
any dispensation herein-before charged	with duty	Lett	ers paten	connr	oin	ig t-
ing sheriffs in England or Ireland, and	the writs	of assist	ance acco	mpai	ayir	ıg
GRAND OF WARRANT OF TRECER	DATOR 4- 4					
GRANT or WARRANT OF PRECED nobility, under the sign manual of	her Maje	sty, her	heirs, or			
				£100	0	0
GRANT or LICENSE under the sign n		take a	nd use a			
In compliance with the injunctions	of any will	l or settl	ement	50	0	0
		•••		10	0	0
GRANT of arms or armorial ensigns on or by any of the Kings of Arms of Eng				10	0	0
ARMORIAL BEARINGS painted on or				2		0
MORTGAGE, BOND, DEBENTUR						
ATTORNEY to confess and enter up ju	dgment, ar	nd FOR	EIGN SE	CUR	IT	Y
of any kind. Being the only, or princip ment or repayment of money—	par, or pri	mary se	·	r tile	pay	-
Not exceeding £25 £0 0 8   I	Ex. £150 ar	nd not ex			5	0
Exc. £25 and not exc. £50 0 1 3	,, 200 ,, 250	"	250 300	0		3 6
,, 100 ,, 150 0 3 9	Continue and					W.
For every £100, or fractional part of £	100, of su	ch amou	int	0	2 (	6
security, or by way of further as	ssurance	for the	above-			ì
mentioned purpose where the prin	cipal or p	rimary	security			20
part of £100 of the amount secured		··· ·		0	0 6	6
Being a collateral, or auxiliary, or; security, or by way of further a mentioned purpose where the prin is duly stamped, for every £100, an part of £100 of the amount secured Transfer, Assignment, Dispositions of gage, bond, debenture, covenant or fe money or stock secured by any such warrant of attorney to enter up judgen	Assignatio	n of an	y mort-			i
money or stock secured by any su:	istrum	ent, or	by any			
warrant of attorney to enter up judgm For every £100, and also for any fracti	020, 02 03	arry Juco	Principo.			
amount transferred, assigned, or dispo	sed			0 (	0 6	3
And also where any further money is ad- secured, the same duty as a principal						
money.						1
Reconveyance, Release, Discharge, S. Warrant to Vacate, or Renunciation aforesaid, or of the benefit thereof, or	of, any s	Resur	render,			-
aforesaid, or of the benefit thereof, of	or of the	money t	thereby			1
secured: -For every £100, or fraction total amount or value of the money	at any tin	ne secur	of the	0 0	) 6	
POLICY OF INSURANCE upon any	life or li	ves, or u	pon any	event	tor	-
contingency relating to or depending up payment of money upon the death of	on any lif	e or liv	es (excep	t for	the	
violence, or otherwise than from a natura	al cause)—	· Oli Olliy	nom ac	ciden	o or	1
Where the sum insured does not exceed	£10			£0 0	-	
Exceeds £10, but does not exceed £25 Exceeds £25, but does not exceed £500	:-For ev	ery full	sum of	0 0	3	
£50, and also for any fractional part	of £50, or	the amo	unt	0 0	6	
Exceeds £500, but does not exceed £10 of £100, and also for any fractions	al part of	£100,	of the			
amount insured Exceeds £1000:—For every full sum of				0 1	0	
fractional part of £1000, of the amount For any payment agreed to be made	at insured		or any	0 10	0	1.
For any payment agreed to be made person, only from accident or viole	upon the	death	of any			1
from a natural cause, or as compensa	tion for pe	ersonal i	njury,			1
or by way of indemnity against loss of	or damage	of or	to any	0 0		1
CHEQUES, DRAFTS, OR ORDERS	ON DEM	AND		0 0	1	
hich must be cancelled by the person	on drawin	g the c	heque, d	raft,	or	]
der, by writing his name on the stamp.				0 0		-
N.B. Persons receiving the mor	ney are to	pay the	duty.	0 0	1	
Receipts may be stamped within fourtee	n days of	date on	paymen	t of f	5,	2
RECEIPTS.—For £2 and upwards  N.B. Persons receiving the mor Receipts may be stamped within fourtee within one month on payment of £1 nnot be stamped. Penalty for giving malty for not effectually cancelling or o ed. £10. Penalty for frauds in the use c	a receipt	withou	t a stam	p, £1	ey	t
enalty for not effectually cancelling or o sed, £10. Penalty for frauds in the use of	bliterating	adhesi	ve stamp	s who	en	a
PASSPORT	n aunesive	stamps	, £20.			A
LEGACIES AND SUCCESSION TO R	EAL PRO	OPERT	Υ—	0 0	6	F
children or their descendants, or lineal a	ncestors o	f the dec	ceased £		0	-
other or sister, or their descendants ucle or aunt, or their descendants				3 0	0	F
and uncle or aunt, or their descendants to other relations or strangers			(	6 0	0	
The husband or wife of the deceased	not charg	geable w	ith duty.		0	£
PATENTS.—The Total Cost of a Pater	at for the	first th	ree year	s is, i	n	
ordinary cases, as follows:—						-
OVISIONAL PROTECTION (giving six mo Drawing and preparing all the necess nents, and obtaining "Protection,"	ary paper	s and d	locu-			If
TICE TO PROCEED.—Drawing and enterin	ng the "N	otice to	£8 Pro-	0		Li Li
eed," including stamp and agency ALING THE PATENT.—Obtaining the warn			6	0	0	-
				10	0	
THE TERM OF THE BRITISH PATENT is fligh period further stemp during of 450 and	ourteen ve	nara · to	7	10	0 8	St
						Ho Pe
ation of three and seven years, but the on	ussion ent	ails no li	ability b	eyond	1   1	Po

the forfeiture of the patent right. The agency charge to obtain the required certificates, in connection with these payments at the proper periods, is £2 2s, in each case.

ORNAMENTAL DESIGNS.—Designs of an ornamental character are protected by the Act 5 and 6 Vict., cap. 100, under which the following is the Government table of fees for certificates, with the periods of protection.

Class.	Term.		Fees	s.
1. Ornamental designs in metal		:		0
2. Ditto in wood	3 years		1 0	0
3. Ditto in glass	3 years		1 0	0
4. Ditto in earthenware, ivory, bone, papier maché, and other solid substances			1 0	0
5. Paperhangings	3 years		0 10	0
6. Carpets, Floor and Oil Cloth	3 years		1 0	0
7. Shawls (patterns printed)	9 months		1 0	0
8. Shawls (patterns not printed)	3 years		1 0	0
9. Yarn, thread, or warp, printed	9 months		0 1	0
10. Woven fabrics, not furnitures (patterns printed)	9 months		0 1	. 0
11. Woven fabrics, furnitures (patterns printed)	3 years		0 5	0
12. Woven fabrics (patterns not printed)	12 months		0 5	0
	12 months		0 5	0
D	2			

Provisional Registration.—Under the Act 13 and 14 Vict., cap. 104, as regards the "shape or configuration" of articles of utility, designs can be protected by "provisional registration" for twelve months. Designs thus provisionally registered can be exhibited, or the right to complete registration can be sold, but the article or articles forming the subject of their provisional registration must not be manufactured for sale until complete registration be effected. At any time during the twelve months of provisional registration, the proprietor may fully register the design, under the Act 6 and 7 Vict., cap. 65.

INSTRUMENTS OF APPRENTICESHIP—When no premium is paid, 2s. 6d. In any other case, for every £5 of premium paid, 5s.

ARTICLES OF CLERKSHIP—To an attorney or solicitor in England or Wales, £80. To an attorney of the County Palatine of Lancaster, or commission teinds of Scotland, £80.

;	Voting papers, to enable any person to vote by proxy Letters of allotment of any company or proposed company, or	0	0	1
	letter of renunciation proposed company, or	0	0	1
	Scrip certificate, or other document	0	0	-
	For the sale, transfer, or acceptance of any of the Government			
	Stocks or funds—When not exceeding £20	0	5	0
	ACIS	0	0	6
	Agreement or memorandum made without any clause of regis-			
	tration, whether the same be only evidence of contract, and not otherwise charged with duty	0	^	0
-1	outer who charged with duty	U	0	O

GENERAL EXEMPTIONS FROM ALL STAMP DUTIES—Transfers of shares in the Government or Parliamentary stocks or funds. Instruments for the sale, transfer, or other disposition, either absolutely or by way of mortgage or otherwise, of any ship or vessel, or any part, interest, share, or property, of or in any ship or vessel. Instruments of apprenticeship, bonds, contracts, and agreements, entered into in the United Kingdom, for or relating to the service in any of her Majesty's colonies or possessions abroad, of any person as an artificer, clerk, domestic servant, handicraftsman, mechanic, gardener, servant in husbandry, or labourer; parish board, or public charity. Testaments, testamentary instruments, and dispositions mortis causa in Scotland.

# DUTIES PAYABLE ON INHABITED HOUSES OF THE ANNUAL

The duty is 6d, in the pound in respect of dwelling-houses occupied by any person in trade who shall expose to sale and sell any goods in any shop or warehouse, being part of the same dwelling-house and in front and on the ground or basement story thereof; or by a person licensed to sell therein, by retail, beer; hotel or coffee-house keeper; or as a farmhouse by a tenant or farm servant, and bonâ fide used for the purpose of husbandry only. The duty is 9d, in the pound for dwelling-houses and offices not occupied and used for any of the purposes described in the preceding.

Exemptions.—Market-gardens and Nursery-grounds.

#### PROPERTY AND INCOME TAX.

FROPERTY AND INCOME TAX.

From April, 1874, to April, 1875, the Property and Income Tax is fixed at 2d. in the pound; incomes of £100 per annum and not exceeding £300 are taxed at the rate of 2d. in the pound after allowing an abatement of £80. 

Exemptions of Premiums from Income Tax.—Premiums paid by a person for an Assurance on his own life or on the life of his wife, or for a deferred Annuity to his widow, are declared free from income tax, provided such Premiums do not exceed one-sixth of his returnable income.

#### DOG LICENSES.-EXCISE.

For every dog .... 0 b o No person will be chargeable with duty to any greater amount than 123 16s. for any number of hounds, or £9 for any number of greyhounds, the total control of the second of t

GAME LICENSES.	1 100	1.18	THE REAL PROPERTY.	1	
If license or certificate be taken out after April 5 a	and b	efore		-	
Nov. 1 to expire on April 5 in the following year			£3	0	0
License to carry a gun			0	10	0
License to deal in game			2	0	0
LICENSES.	- 11 -	-175	126	10	-
Stage and Hackney Carriage Drivers and Watermen			0	_	
House goests	•••	•••	U		0
Dodlog and Trade	***		£2	0	0
Pedlars and Hawkers			0	5	0
For every Male Servant (Hotel Waiters excepted)			0	15	0

### AUGUST.



OLD MODES OF LOCOMOTION. THE OLD LONDON WATERMAN.

-	sun.				Moon.		DURATION OF MOONLIGHT,	HIGH W.	15"		
D. OF		D. ANNIVERSARIES, DF FESTIVALS	1	Souths		Rises, Sets.			London Bridge,	Liverpool Dock.	Day
M.		W. OCCUBRENCES, ETC.	Rises.	after Noon.	Sets.	Aftern.	Morn.	Clock. O'Clock.	Morn. Aftern.	Morn. Aftern.	Year.
	-		н. м.	M. 8.	н. м.	н. м.	н. м.	The state of the s	н. м. Н. М.	н. м. н. м.	-
1		It Lammas Day	4 26	6 2	7 45	6 19	Morn.	11	11 7 11 44	7 40 8 23	214
2	1	W Battle of Blenheim, 1704	4 27	5 58	7 43	7 1	0 40	12	— 0 16	9 0 9 32	215
3		IH Bank of England founded, 1732	4 28	5 53	7 42	7 31	1 45	13	0 44 1 8	10 0 10 24	216
4		- Chab to dello de Toll. This dilli	4 30	5 48	7 40	7 52	2 56	14	1 30 1 50	10 46 11 6	217
5		S Lord Howe died, 1799	4 32	5 42	7 39	8 9	4 11		2 10 2 28	11 26 11 44	218
6	1	S 8TH SUND. AFT. TRINITY	4 33	5 35	7 38	8 22	5 26	16	2 44 3 0	- Noon.	219
7	I	M Name of Jesus	4 35	5 28	7 37	8 32	6 42	17	3 14 3 30	0 16 0 30	220
8	3	Tu Corder executed, 1828	4 36	5 20	7 36	8 42	7 57	18	3 47 4 4	0 46 1 3	221
5	7	W Greenwich Observatory com- menced, 1675	4 38	5 12	7 34	8 54	9 10	19	4 20 4 35	1 20 1 36	222
10	7	TH St. Lawrence	4 39	5 3	7 31	9 5	10 26	20	4 50 5 6	1 51 2 6	223
11		F Dog Days end	4 41	4 53	7 28	9 19	11 46	21,	5 22 5 40	2 22 2 38	224
12	2 8	S Grouse-shooting begins	4 42	4 43	7 26	9 38	Aftern.		6 0 6 20	2 56 3 16	225
18	3 4	5 9TH SUND. AFT. TRINITY	4 44	4 33	7 24	10 6	2 41	23	6 44 7 8	3 36 4 0	226
14		M Sir Colin Campbell died, 1863	4 45	4 22	7 22	10 50	4 4	24°	7 36 8 8	4 24 4 52	227
18	5 7	Tu Sir Walter Scott born, 1771	4 47	4 10	7 20	11 52	5 14	25	8 46 9 32	5 24 6 2	228
16		W Bomarsund bombarded, 1854	4 48	3 58	7 18	Morn.	6 5	26	10 20 11 8	6 48 7 36	229
17		TH Frederick the Great died, 1786	4 50	3 45	7 16	1 17	6 41	27	11 50 —	8 24 9 6	230
18		F Beattie died, 1803	4 51	3 32	7 14	2 50	7 5	28	0 25 0 54	9 41 10 10	231
19		S Earl Russell born, 1792	4 53	3 19	7 12	4 24	7 22		1 24 1 50	10 40 11 6	232
20		10th Sund. Aft. Trinity	4 55	3 5	7 10	5 56	7 37	1	2 14 2 36	11 30 11 52	233
2		M Jupiter souths at 5h. 25m. p.m.	4 56	2 50	7 8	7 22	7 49	2	2 57 3 17	<b>—</b> 0 13	234
2	2 '	Tu Battle of Bosworth Field, 1485	4 58	2 35	7 6	8 45	8 1	3	3 38 3 58	0 33 0 54	235
2		W Length of day, 14h. 5m.	4 59	2 20	7 4	10 7	8 14	4	4 18 4 37	1 14 1 34	236
2	-	Til St. Bartholomew	5 1	2 4	7 2	11 27	8 28	5	4 54 5 12	1 53 2 10	237
2		F David Hume died, 1776	5 3	1 47	7 0	Aftern.	8 46	6	5 30 5 46	2 28 2 46	
2	-	S Prince Consort born, 1819	5 4	1 31	6 58	2 3	9 11		6 5 6 24	3 2 3 21	239
2		5 11th Sund. Aft. Trinity	5 6	1 14	6 56	3 11	9 46	8	6 47 7 10	3 40 4 3	
2		M St. Augustine, Bishop	5 8	0 56	6 54	4 13	10 33		7 38 8 12	4 26 4 54	
2		'It Battle of Aspromonte, 1862	5 9	0 38	6 52	5 1	11 33	10	8 52 9 40	5 28 6 8	
3		W Length of night, 10h, 21m.	5 10	0 20	6 49	5 34	Morn.	11	10.32 11 18	6 56 7 48	243
3		TH John Bunyan died, 1688	5 12	0 2	6 47	5 59	0 41	12	11 54 _	8 34 9 10	244
10	11 10 John Banjan died, 2000										



A GOOD CATHOLIC.
FROM "THE ILLUSTRATED LONDON NEWS."

#### POST OFFICE REGULATIONS.

When complaint is made of letters or newspapers lost, miscarried or When complaint is made of letters or newspapers lost, miscarried or delayed, furnish information as precise as possible regarding all the facts of the case, and inclose whatever documents may throw light upon it. The day and hour at which the letter or newspaper was posted, as well as the office at which and the person by whom this was done, should always be stated; and, when possible, the cover or wrapper in an entire state should be sent. should be sent.

#### RATES OF POSTAGE ON INLAND LETTERS.

The rates of postage to be prepaid are as follow, viz :-

For a letter not exceeding 1 oz		 1d.
Exceeding 1 oz., but not exceeding 2 oz.		1½d.
,, 2 oz., and less than 4 oz.	***	
,, 4 oz., and less than 6 oz.		 2½d.
,, 6 oz., and less than 8 oz.		
,, 8 oz., and less than 10 oz.		 33d.
,, 10 oz., and less than 12 oz.		 4d.

A letter exceeding the weight of 12 oz. is liable to a postage of 1d. for every ounce, beginning with the first ounce. A letter, for example, weighing between 14 oz. and 15 oz. must be prepaid is. 3d.

All inland letters must be prepaid in stamps. A letter posted unpaid is chargeable on delivery with double postage; and if insufficiently prepaid is chargeable with double the deficiency.

The following are the latest times for posting letters, &c., in London for the evening mails. Book packets must be posted the same time as newspapers:

	Chief Office.		Branch Office, Lombard-st.		District Offices.		Receiving Houses.	
	Letters	Papers	Letters	Papers	Letters	Papers	Letters	Papers
For inland and foreign evening mails For ditto, if prepaid by stamps, and bear-	6.0	5.30	6.0	5.30	6.0	5.30	5.30	4.45
ing extra 1d. stamp By bearing an extra	6.45		3.45		6.15		6.0	
2d. stamp Newspapers, &c., by	7.30		7.15					480
paying †d. extra Do. by paying †d. extra		6.45 7.15						
,, 1d. ,,		7.30		\				

The above times refer to the E.C. and W.C. districts only. In other districts the hours are earlier. Letters, &c., can also be posted at the following railway stations by affixing 2d. extra in stamps to each:—Great Western (Paddington), for day mail, 7 to 9 a.m.; night mail, 6 to 8.50 p.m. North Western (Buston), for day mail to Ireland, 6.45 to 7.5 a.m.; night mail, 6 to 8.15 p.m.; or for either day or night mails to North of England and Scotland, 15 minutes later. South-Eastern (Cannon-street), for night mail, 6 to 8.50 p.m. South-Western (Waterloo), for night mail, 6 to 8.50 p.m. Registers—The reference of the registering inland and foreign letters at the chief office, 8t. Martin's-le-Grand, and at the head district and branch offices in London, on payment of the ordinary fee of 4d., is 5.30 p.m.; or on payment of a late fee of 4d. in addition to the registration-fee, the latest time is 6 p.m. At the town receiving-houses the latest time for registering letters for the night mails is 5 p.m. Registered letters are not forwarded by the midnight despatches. For the day mails to the provinces, Ireland, Scotland, France, and the Continent generally, and for the colonial and foreign mails via Southampton, letters can be registered at the chief office, and at the head district and branch offices, at the ordinary fee between 6 and 7.30 p.m., and at the town receiving-houses between 5.30 and 7.30 p.m. the previous evening.

Overgranged Letters —Overcharges are returned between the hours of 10 and 4, on presenting the overcharged letters at the office for the sale of stamps, &c., at the General Post Office. Or the letter may be sent to the office by the letter-carrier of the district, and the overcharge will be returned with the letter in two days.

Postage Stamps, &c.—Postage stamps and stamped envelopes are sold at

office by the letter-carrier of the district, and the overenarge will be returned with the letter in two days.

Postage Stamps, &c.—Postage stamps and stamped envelopes are sold at the chief office and at Lombard-street between the hours of 7 a.m. and 7.30 p.m.; at the Western district office between 7 a.m. and 7.30 p.m.; at the other district offices and the Charing-cross branch office between 8 a.m. and 7.30 p.m.; and at the receiving-houses between 8 a.m. and 8 p.m., Sundays excepted.

#### LETTERS "TO BE CALLED FOR."

The Poste Restante being intended solely for the accommodation of strangers and travellers who have no permanent abode in London, letters for residents in London must not be addressed "Post Office till called for." Letters addressed to "Initials" or "Fictitious Names" at the Poste Restante, or any district or branch office, are returned to the writers. Letters may not be redirected from a private address to the Post Restante. All persons applying for letters at the Poste Restante must be prepared to give the necessary particulars to the clerk on duty, in order to prevent mistakes and to ensure the delivery of the letters to the persons to whom they proparely belong.

mistakes and to ensure the delivery of the letters to the persons to whom they properly belong.

Letters for passengers on board the Cunard and Inman packets for America touching at Queenstown, or on board the Mediterranean packets about to sail from Southampton with the mails for India, Australia, China, &c., may be posted in any part of the United Kingdom up to the time at which ordinary registered letters to go by the same packets are received. They must be registered, and the postage and registration fee must be fully prepaid, and they must be addressed to the care of the commander of the packet.

packet.

Letters for passengers on board the Canadian packets touching at Londonderry may, under similar conditions, be posted up to the same time as ordinary registered letters for Canada. These must be addressed to the care of the officer in charge of the mails.

The letters should be addressed thus:—"Mr.—, on board the mail packet for—, at Queenstown [Londonderry or Southampton]. Care of the officer in charge of the mails," or "care of the commander of the packet;" as the case may be.

Letters directed to the care of the packet agent at Suez, and dispatched by the mail vià Brindisi, will probably reach passengers for India, &c., who have sailed in the packet which left Southampton the previous week.

#### TOWN DELIVERIES.

The portion of each district within about three miles of the General Post Office is designated the town delivery, and the remainder the suburban delivery.

#### SUBURBAN DELIVERIES.

There are seven despatches daily to the suburban districts. The first is at 6.30 a.m. to all places within the London district limits; and includes the correspondence by the night mails from the provinces, and by any colonial or foreign mails arriving in sufficient time. This delivery is generally completed in the nearer suburbs by 9 a.m., and at the more distant places between 9 and 10 a.m. The second despatch is at 9.30 a.m. to the nearer suburban districts. The third is at 11.30 a.m. and comprises, with a few exceptions, every part of the London district. The fourth despatch, at 2.30 p.m., is to most of the suburban districts, isolated localities excepted. The fifth despatch, at 4.30 p.m., extends to the whole of the suburban districts, and, except in the remoter rural places, the letters are delivered the same evening. The sixth despatch, at 6 p.m. is also to the nearer suburbs. The seventh despatch is at 7 p.m. Letters for this despatch posted at the town receiving houses and pillar boxes by 6 p.m., or at the chief office of the district to which they are addressed by 7.30 p.m., are delivered the same evening at all the principal places within about six miles of the General Post Office. At the more distant places the letters are delivered early the following morning.

THE NEWSPAPER HALFPENNY POSTAGE

#### THE NEWSPAPER HALFPENNY POSTAGE

applies to any publication consisting wholly or in great part of political or other news, or of articles relating thereto, or to other current topics, with or without advertisements, and published at intervals of not more than seven days; and for each newspaper, whether posted singly or in a packet, the prepaid postage is one halfpenny. Every newspaper must be so folded as to admit of the title being read. No packet of newspapers must exceed 141b. weight nor 2ft. in length.

In order that no failure may occur in the delivery of newspapers through the covers becoming detached, it is recommended that the addresses be written on exposed parts of the newspapers themselves as well as on the covers.

COLONIAL AND FORBION. — Under the powers given to the Postmaster-General by the Post Office Act, 1870, the regulations relating to the registration of publications for transmission abroad as Newspapers have been revised. The definition laid down in the Act, in regard to newspapers which may be registered for transmission through the post in the United Kingdom, is alike applicable to those which may be registered for transmission abroad, except that for foreign transmission a newspaper may be published at intervals of thirty-one days, and that it (but not its supplement) may be printed on sheetsstitched together. Newspapers going abroad are also subject to the following regulations:—"Prices Current" and "Market Reports," but not private price-lists or trade catalogues, are admitted to the same privileges as newspapers for foreign transmission. Publications registered for transmission abroad must be posted within eight days from the date of publication, including the day of publication, otherwise they will be rejected. It is forbidden to introduce into Russia, through the post, political newspapers of any kind, and therefore they must be obtained through the agency of some established bookseller. Printed price-currents, in covers open at both ends, are not forbidden.

Book Post.—A Book-Packet may contain not only books, paper, or other

wise they will be rejected. It is forbiaden to introduce into Russia, through the post, political newspapers of any kind, and therefore they must be obtained through the agency of some established bookseller. Printed price-currents, in covers open at both ends, are not forbidden.

Book Post.—A Book-Packet may contain not only books, paper, or other substance in ordinary use for writing or printing, whether plain or written or printed upon (to the exclusion of any written letter or communication of the nature of a letter); photographs, when not on glass or in frames containing glass or any like substance, and anything usually appertaining to such articles in the way of binding and mounting, or necessary for their safe transmission by post, but also Circulars, when these are wholly or in great part printed, engraved, or lithographed. The postage is one half-penny for every 2 oz., or fraction of that weight. A packet posted wholly unpaid will be charged with double the book-postage; and, if posted partially prepaid, with double the deficiency. Every book-packet must be posted either without a cover or in a cover open at both ends, and in such a manner as to admit of the contents being easily withdrawn for examination; otherwise it will be treated as a letter. No book-packet may contain anything sealed or otherwise closed against inspection; nor must there be any letter, nor any communication of the nature of a letter, whether separate or otherwise, unless the whole of such letter or communication be printed. It must not exceed 5th in weight and 18in. in length.

With regard to the newspaper post, which appear to be imperfectly understood. First, packets containing two or more newspapers, and exceeding 20x in weight, are frequently posted with only a halfpenny storage to them; secondly, newspapers are frequently found to have inclosures, other than supplements, in them—these inclosures being sometimes actual letters. Therules upon these-points are clearly laid down in the "British Postal Guide." In regard to the fi



's requested that particular attention may be given to this matter, so that the revenue may be protected from loss."

### POST OFFICE TELEGRAPHS.

The charge for telegrams throughout the United Kingdom, including the Channel Islands and the Isle of Man, but excepting the Scilly, Orkney, and Shetland Islands, is 1s. for the first twenty words, and 3d. for every additional five words—i.e., for every additional group of not more than five words; the names and addresses of the sender and receiver not being

counted.

If the addressee resides at a greater distance than three miles from the terminal telegraph office, porterage is charged for delivery by mounted messengers at the rate of 1s. per double mile, except in the case of telegrams for Ireland, where the charge is only 8d. per double mile. If the sender requires his telegram to be forwarded by post or by train from the terminal telegraph office he must write the words "by post" or "by train" in the space provided for that purpose at the foot of the message. message.

Telegrams written on the proper forms and properly prepaid may be handed to rural messengers who are proceeding to post telegraph-offices for

handed to rural messengers who are proceeding to post telegraph-offices for transmission therefrom.

Telegrams written in any European language are charged for according to the number of words they contain; but all unintelligible words not forming part of any European language are charged for as if each syllable were one word. Should the word not be composed of syllables, then five letters are considered as equal to one word.

Telegrams may be repeated at the request of the sender, if he desires to adopt this extra security against risk of error, by being resignalled from each office at which they are received to the office from which they are forwarded. The charge for repetition is one half the ordinary tariff; fractions of threepence being reckoned as twopence.

The cost of a reply to a telegram may be prepaid; and prepaid reply pass will then be delivered to the addressee, who will be at liberty to send his reply, from any postal telegram, at any time within two months after the date of the original telegram.

Numbers expressed in figures in an inland telegram are counted as so many words, according to the number of figures employed. For example—"?" counts as one word, "12" as two words, "385" as three words.

The department is not liable for losses incurred through the incorrect transmission, delay, or non-delivery of telegrams. to 8 p.m. on week days, and from 8 a.m. to 10 a.m. on Sunday. There are, however, offices in several of the larger towns which are open for longer periods; and at certain offices in London and in the country there is attendance continuously during the day and night, both on week days and Sundays.

MONEY ORDERS

## MONEY ORDERS

MONEY ORDERS

are issued at the chief district offices and at the branch offices
Lombard-street and Charing-cross, between 10 a.m. and 4 p.m.; on Saturdays between 10 a.m. and 1 p.m.; at other branch offices and receivinghouses in the town districts between 10 a.m. and 4 p.m.; at branch offices
in the suburban districts between 10 a.m. and 5 p.m.; and at receivinghouses in the suburban districts between 9 a.m. and 5 p.m.; and at receivinghouses in the suburban districts between 9 a.m. and 5 p.m. On Saturdays
savings bank deposits are received at all receiving-offices until 8 p.m. The
commission on inland money orders is:—For sums under 10s., 1d.; of 10s.
and under £1, 2d.; and for every additional pound or fraction of a
pound, 1d. No order is allowed to contain a fractional part of a penny, and
the printed forms only should be used which are supplied gratuitously.

the printed forms only should be used which are supplied gratuitously.

INTERNATIONAL MONEY ORDERS BETWEEN GREAT BRITAIN AND THE
UNITED STATES.—Offices have been selected in all the States and territories.

No single order will be issued for more than 50 dols., but persons desiring to
remit larger sums can obtain additional money orders. The rates of commission on these money orders will range from 0.25 on orders not exceeding
10 dols, to 1 dol. 25c. for over 40 dols. and not exceeding 50 dols.

The scale of commission for orders payable abroad is as follows:—

For sums not exceeding	1	22	£	5	£	27	£1	10
If payable in Switzerland, Belgium, Denmark,	s.	d.	s.	d.	8.	d.	s.	
Germany, Italy, the Netherlands, Egypt, or at Malta, Gibraltar, or Constantinople	0	9	1	6	2	8	3	0
If payable in any other place abroad (including most of the colonies) authorised to transact money-order business with this country	1	0	2	0	3	0	4	0

Money Orders are issued in the United Kingdom on the following colonies,

British agencies, and foreign countries Gold Coast. Holland.

Alexandria. Berbice (New Amsterdam).
Belgium.
British Columbia.
Cape of Good Hope.
Canada.
Ceylon (Colombo).
Constantinople.
Capulmbo Coquimbo. Demerara (Georgetown) Denmark. Falkland Islands.

France (Paris only). The German Empire. Gibraltar.

Honduras. Hong-Kong. Italy. Malta. Mauritius. Natal. New Brunswick. New Brunswick,
Newfoundland.
New South Wales.
New Zealand.
Nova Scotia.
Prince Edward Island. Queensland.

St. Helena. Seychelle Islands. Shanghai. Smyrna. South Australia. Straits Settlements. Suez. Switzerland. Tasmania. United States. United States.
Valparaiso.
Victoria.
West Coast of Africa.
West Indies.
Western Australia. Yokohama.

## POST OFFICE SAVINGS BANKS.

Deposits of One Shilling, or of any number of shillings, or of pounds and shillings, may be made by any person at the Post-Office Savings Banks, provided that such depositor shall not make deposits amounting to more than £30 in any year ending Dec. 31, or make any further deposit when the amount standing in his name exceeds £150, exclusive of interest. When any depositor's principal and interest amount together to £200, all interest will cease so long as the balance of the account continues to amount to the said sum of £200.

will cease so long as the balance of the account constitute to said sum of £200.

Interest calculated yearly at the rate of £2 10s, per cent per annum will be allowed on every complete pound deposited, reckoned from the first day of the calendar month next following the day on which acomplete pound shall have been deposited or completed, up to the first day of the calendar month in which the moneys are withdrawn.

GENERAL POSTAL UNION.

GENERAL POSTAL UNION.

In accordance with the provisions of an international treaty concluded at Berne on Oct. 9 last, the whole of the States of Europe, the United States of America, and Egypt formed themselves into a General Postal Union for the reciprocal exchange of correspondence, and agree to adopt low and uniform rates of correspondence dispatched from one State of the Union to another. These provisions, which extend to letters, post cards, newspapers and other printed papers, patterns of merchandise, and legal and commercial documents, takes effect at once; but in the case of France no change will be made before Jan. 1, 1876.

The following are the charges to the undermentioned places (otherwise than via France):—Austria, Belgium, Denmark, Egypt, Germany, Gibraltar, Greece, Heligoland, Italy, Luxemburg, Netherlands, Norway, Portugal, Roumania, Russia, Servia, Spain, Sweden, Switzerland, United States, Malta, Turkey, Canary Islands—Letters, per ½ ca., 2½d.; post cards, each, 14d.; newspapers, per 4 oz., 1d.; printed papers, &c., per 2 oz., 1d. Upon letters posted unpaid double the above rates will be charged on delivery.

Registration.—Letters, post cards, newspapers and other printed papers, patterns, and legal and commercial documents addressed to any of the above countries may be registered. The registration fee will be 4d. in all cases, which, in addition to the postage, must be prepaid. The transmission of letters containing gold or silver money, jewels or valuable articles, or anything liable to Customs duties, through the post to any of the countries and places named in the table is prohibited.

Foreign Post-Cards.—The post-cards which have been manufactured for use in this country bear an impressed stamp of the value of 1½d. The additional postage, therefore, required in those cases where they will be forwarded via France must be prepaid by means of adhesive stamps to be affixed to the eards. On the front or stamped side of a post-card nothing must be written or printed except the address.

Newsp

author will be allowed. Stock or share-lists, prices current, and market reports, printed or lithographed, may have the prices added in writing or by means of any impression whatever.

Legal AND Commercial documents? are comprised Acts or deeds of all kinds drawn up by public functionaries and invoices, copies, or extracts. Patterns or Merchandise.—Patterns or samples of merchandise may be forwarded at the same charges as printed papers to any part of the countries of the Union under the following conditions:—I. They must be placed in bags, or boxes, or in envelopes the fastenings of which are removable so as to admit of an easy examination. 2. The patterns and samples must not have any saleable value nor bear any MS. writing other than the name or the trade or profession of the sender, the address of the person for whom the packet is intended, a trade mark, numbers, and prices.

New Stam of the Value of Twofence-Halffenny.—For the convenience of persons corresponding with the countries of the Union, a new adhesive postage-stamp of the value of 2½d. has been issued, and may be procured at all post-offices.

Consequent on the conclusion of the postal union treaty and the general reduction of postage which that treaty authorises, the postage of correspondence addressed to the undermentioned countries, and which is almost exclusively forwarded through a State of the Union, is reduced as follows:—Hawaian Islands—letters, 4d. per ½oz.; newspapers, 2d. per 4oz.; printed papers, patterns, and legal and commercial documents, 2d. per 2oz. Tunis, vià Belgium and Italy—letters, 3d.; newspapers, 1d.; printed papers, patterns, and legal and commercial documents, 1f., rimited papers, patterns, and legal and commercial documents, 1d.; vià France and Italy—letters, 6d.; newspapers, 2d.; printed papers, patterns, and legal and commercial documents, 2d. Morocco, vià Southampton and Gibraltar—letters, 3d.; newspapers, 2d.; printed papers, patterns, and legal and commercial documents, 2d. Nicaragua—letters, 5d.; newspapers, 2d.; p

## SEPTEMBER.



OLD MODES OF LOCOMOTION .- GENTLEMAN'S CARRIAGE, EIGHTEENTH CENTURY.

_	-												
υ.	U	ANNIVERSARIES,		SUN.	11776	МО	on.	DURATION OF MOONLIGHT. HIGH WATER AT	Day				
M.	OF W.	FESTIVALS, OCCURRENCES, ETC.	Rises.	Souths before	Sets.	Rises. Aftern.	Sets. Morn.	Before Sunrise   m   After Sunset.   London Bridge.   Liverpool Dock.	Year.				
_		Continue on the second of the	н. м.	Noon.	н. м.	H. M.	H. M.	O'Clock, 1 2 3 4 5 7 8 9 10 11 12 H. M. H. M. H. M. H. M.					
1	F	St. Giles. Partridge shooting begins	5 15	0 17	6 44	6 16	1 55	0 23 0 47 9 39 10 3	245				
2	S	Battle of Sedan, 1870	5 16	0 37	6 42	6 30	3 12	1 10 1 28 10 26 10 44	246				
3	2	12TH SUND. AFT. TRINITY	5 17	0 56	6 40	6 41	4 28	1 46 2 3 11 2 11 19	247				
4	M	Battle of Worcester, 1651	5 18	1 16	6 38	6 52	5 43	2 20 2 34 11 36 11 50	248				
5	Tu	Malta captured, 1800	5 20	1 36	6 36	7 3	6 59	2 48 3 4 - 0 4	249				
6	W	Dr. R. Whytt born, 1714	5 22	1 56	6 34	7 13	1 8 15	3 17 3 34 0 20 0 33	250				
7	[H	Dr. Johnson born, 1709	5 23	2 16	6 32	7 26	9 34	3 50 4 5 0 50 1 6	251				
8	F	Nativity of Virgin Mary	5 25	2 37	6 30	7 45	10 59	20 4 22 4 38 1 21 1 38	252				
9	S	Sebastopol taken, 1855	5 27	2 57	6 28	8 9	Aftern.	4 54 5 10 1 54 2 10	253				
10	9	13TH SUND. ALT. TRINITY	5 28	3 18	6 25	8 46	1 51	22 5 30 5 50 2 26 2 46	254				
11	M	Battle of Delhi, 1803	5 30	3 39	6 23	9 41	3 4	6 14 6 40 3 6 3 30	255				
12	Tu	O. P. Riots, 1809	5 31	4 0	6 21	10 56	3 59	7 12 7 50 3 56 4 28	256				
13	W	Charles J. Fox died, 1806	5 33	4 21	6 19	Morn.	4 41	8 34 9 28 5 6 5 50	257				
14	Th	Duke of Wellington died, 1852	5 35	4 42	6 17	0 22	5 7	26 10 24 11 12 6 44 7 40	258				
15	F	Ember Week	5 36	5 3	6 14	1 55	5 27	27 11 50 - 8 28 9 6	259				
16	S	James II. died, 1701	5 38	5 24	6 12	3 26	5 43	28 0 20 0 47 9 36 10 3	260				
17	5	14TH SUND. AFT. TRINITY	5 39	5 45	6 9	4 52	5 57	1 10 1 34 10 26 10 50	261				
18	M	Battle of Alma, 1854	5 40	6 6	6 7	6 17	6 8	1 54 2 14 11 10 11 30	262				
19	Tu	Battle of Poictiers, 1356	5 42	6 27	6 5	7 40	6 19	2 34 2 50 11 50 — 3 10 3 27 0 6 0 26	263				
20	W	Siege of Paris commenced, 1870	5 44	6 48	6 2	9 1	6 32	3 10 3 27 0 6 0 26	264				
21	TH	St. Matthew	5 46	7 9	6 0	10 22	6 49	3 45 4 2 0 43 1 1	265				
22	F	Lord Denman died, 1854	5 48	7 30	5 58	11 43	7 11	5 4 20 4 35 1 18 1 36	266				
23	S	Battle of Assaye, 1803	5 50	7 51	5 56	Aftern.	7 42	6 4 52 5 10 1 51 2 8	267				
24	3	15th Sund. Aft. Trinity	5 51	8 12	5 54	2 4	8 23	7 5 27 5 46 2 26 2 43	268				
25	M	Porson died, 1808	5 53	8 32	5 52	2 56	9 17	6 6 6 30 3 2 3 22	269				
26	Tu	Holy Alliance ratified, 1815	5 55	8 52	5 49	3 34	10 25	9 7 0 7 34 3 46 4 16	270				
27	W	Strasbourg capitulated, 1870	5 57	9 12	5 47	4 2	11 37	8 12 9 0 4 50 5 28	271 272				
28	Th	New River completed, 1613	5 59	9 32	5 45	4 22	Morn.	9 54 10 40 6 16 7 10	272				
29	F	St. Michael. Michaelmas	6 0	9 52		4 37	0 54	11 20 11 00 0 00	274				
30	S	St. Jerome	6 1	10 12	5 39	4 49	2 9	13 - 0 14 9 6 9 30	214				



GENERAL T. J. ("STONEWALL") JACKSON. BY FOLEY. FROM "THE ILLUSTRATED LONDON NEWS."

C 2

## ASTRONOMICAL OCCURRENCES IN THE YEAR 1876.

#### JANUARY.

JANUARY.

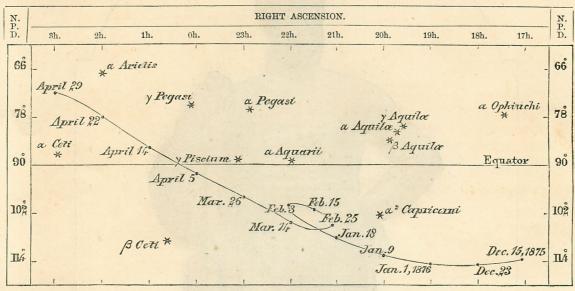
The Moon during the evening of the 2nd is very near Mars; the nearest approach is at 8h. p.m. She is near Jupiter on the morning of the 20th. She is near and to the right of both Mercury and Saturn. on the evening of the 27th, and also near but to the left of these planets on the evening of the 28th. She is near and to the right of Venus on the evening of the 28th, and to her left on the evening of the 29th, and a second time this month near Mars on the evening of the 31st. Her phases or times of change are:—

First Quarter on the 4th at 23 minutes after 3h. in the afternoon. 11th ,, 23 18th ,, 49 26th ,, 41 6h. 8h. morning. Full Moon ,, ,, Last Quarter New Moon 1h. afternoon.

She is nearest the earth on the morning of the 10th, and furthest from it on the morning of the 22nd.

Mercury sets after the Sun during the whole of the month, by 4 min. on the 1st day; on the 11th he sets at 4h. 54m. p.m., or 43 min. after the Sun; on the 21st he sets 1h. 27m. after sunset, the interval increasing to 1h. 45m. on the last day. He is due south at 20 min. after noon on the 1st, at 4 min. after 1h. on the 15th, and at 26 min. after 1h. on the 28th. He is in his ascending node on the 27th, at his greatest eastern elongation 18 deg. 24 min., and near Saturn on the same day.

VENUS is an evening star, setting on the 1st at 6h. 1m. p.m, or 2h. 1m. after sunset; on the 11th at 6h. 34m. p.m., or 2h. 23m. after the Sun; on the 21st at 7h. 6m. p.m., or 2h. 39m. after the Sun; and on the last day at 7h. 38m. p.m., or 2h. 53m. after sunset. She is very near Saturn on the evenings of the 16th and 17th, and near the Moon on the evenings of the 28th and 29th. She is due south on the 1st at 1h. 50m. p.m., on the 15th at 2h. 4m. p.m., and on the last day at 2h. 16m. p.m.



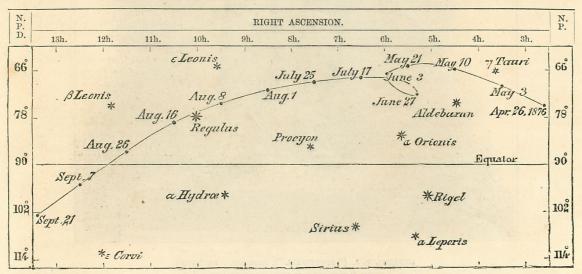
PATH OF MERCURY FROM 1875, DEC. 15, TO 1876, APRIL 29.

Mars is an evening star, setting on the 1st at 10h. 16m. p.m., on the 11th at 10h. 19m. p.m., on the 21st at 10h. 22m. p.m., and on the last day at 10h. 24m. p.m. He is near the Moon on the 2nd, and again on the 31st. He is due south on the 1st at 4h. 38m. p.m., and on the last day at 3h. 59m. p.m. Jupytrem is a morning star. He rises on the 1st at 4h. 17m. a.m., or 3h. 51m. before sunrise; on the 11th at 3h. 48m. am.; on the 21st at 3h. 17m. a.m., and on the last day at 2h. 46m. a.m. He is due south on the 1st at 8h. 47m. a.m., and on the last day at 7h. 8m. a.m. He is near the Moon on the 20th. SATURN is an evening star, setting on the 1st at 7h. 47m. p.m., or 3h. 47m. after sunset; on the 11th at 7h. 13m. p.m., or 3h. 2m. after the Sun; on the 21st at 6h. 40m. p.m., or 2h. 13m. after sunset; and on the last day at 6h. 7m. p.m., or 1h. 22m. after the Sun. He is near the Moon on the 28th, and near Mercury on the same day. He is due south on the 1st at 3h. 2m. p.m., and on the last day at 1h. 16m. p.m.

#### FEBRUARY.

THE MOON is near and to the right of Jupiter on the morning of the 17th, and a little more distant and to the left of the planet on the morning of the 18th. She is near Mercury on the 23rd; Saturn on the 24th. She is near Venus on the evening of the 27th, being to the right of the planet; and on the following evening she is still near but situated to the left hand of Venus. She is near Mars during the evenings of the 28th and 29th, being situated to the right of the planet on the former and to the left on the latter evening. Her phases or times of change are:—

First Quarter on the 3rd at 53 minutes after 1h. in the morning. Full Moon ,, 9th ,, 47 ,, 5 ,, afternoon 9th ,, 47 17th ,, 56 Last Quarter New Moon morning. 17th 25th



PATH OF MERCURY FROM 1876, APRIL 26, TO 1876, SEPT. 21.

She is nearest the Earth on the morning of the 7th, and furthest from it on

She is nearest the Earth on the morning of the 7th, and furthest from it on the morning of the 19th.

MERCURY, on the 1st of the month, will set at 6h. 31m. p.m., or 1h. 45m. after sunset. This interval will decrease to 1h. 27m. by the 5th day, to 45m. by the 10th, and on the 14th day he will set very nearly at the same time as the Sun; and from this day till April 22 he will set before the Sun, or in day-light. On the 15th he will rise 36m. before the Sun; this interval increases gradually to 59m. on the 25th, and is the same on the 29th. He is due south on the 1st at 20m. after 1h. p.m., on the 14th a little before noon, and on the 29th at 37m. after 10h. a.m. He is in perihelion, or at his least distance from the Earth, on the 1st; stationary among the stars (see diagram) on the 3rd, in inferior conjunction with the Sun on the 13th, near the Moon on the 23rd, and (a second time this month) stationary among the stars (see diagram) on the 25th.

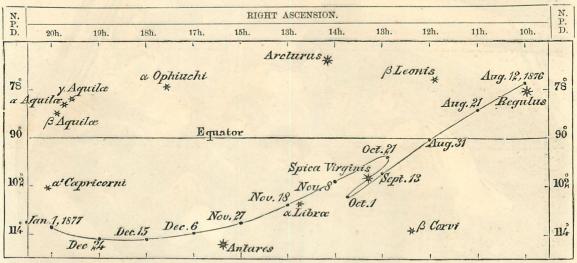
Venus is an evening star, setting 2h. 56m. after sunset on the 1st, 3h. 7m.

after sunset on the 10th, 3h. 20m. on the 20th, and 3h. 30m. on the last day; the planet setting on these days at 7h. 42m. p.m., 8h. 10m. p.m., 8h. 41m. p.m., nand 9h. 1m. p.m., respectively. She is near the Moon on the evenings of the 27th and 28th. She is due south on the 1st at 2h. 17m. p.m., on the 15th at 2h. 24m. p.m., and on the 29th at 2h. 30m. p.m.

Mans is an evening star, and sets on the 1st at 10h. 23m. p.m., on the 10th at 10h. 25m. p.m., on the 20th at 10h. 27m. p.m., and on the last day at 10h. 28m. p.m. He is in his ascending node on the morning of the 5th, and near the Moon on the evenings of the 28th and 29th. He is due south on the 1st at 3h. 57m. p.m., and on the 29th at 3h. 21m. p.m.

JUTITER is a morning star. He rises on the 10th at 2h. 12m. a.m., and on the 20th at 1h. 38m. a.m. He is near the Moon on the 17th, and in quadrature with the Sun on the 29th at 5h. 25m. am.

SATURN sets on the 10th at 5h. 35m. p.m.; on the 16th this planet and



PATH OF MERCURY FROM 1876, AUG. 12, TO 1877, JAN. 1.

the Sun set nearly together, and from this time till Aug. 28 he sets in day-light. He rises nearly at the same time as the Sun on the 23rd, and a few minutes before sunrise at the end of the month. He is in conjunction with the Sun on the 17th, and near the Moon on the 24th. He is due south on the 1st at 1h. 13m. p.m., and on the 29th at 11h. 36m. a.m.

#### MARCH

The Moon is near Jupiter on the morning of the 16th, near Mercury and Saturn on the 23rd, on the evening of the 28th she will be a little to the right of both Venus and Mars, and on the following evening to the left of those planets at a somewhat greater distance. Her phases or time of change are:—

First Quarter on the 3rd at 48 minutes after 9h, in the morning. Full Moon , 10th , 12 , 6h, , morning. Last Quarter , 18th , 24 , 1h, , morning. New Moon , 25th , 12 , 8h, , afternoon

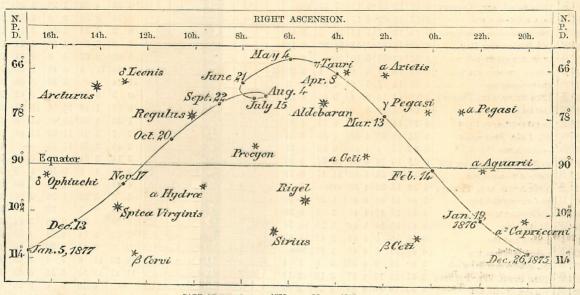
She is nearest the Earth on the afternoon of the 5th, and again on the morning of the 30th, and furthest from it at midnight on the 17th.

MERCURY is a morning star, rising on the 1st at 5h. 50m. a.m., or 58m. before sunrise. This interval decreases slowly to 45m. on the 11th, to 30m. on the 21st, and to 16m. on the last day. He is due south on the 1st at 10h. 34m. a.m., on the 15th at 10h. 30m. a.m., and on the last day at 10h. 54m. a.m. He is in his descending node on the 6th, at his greatest western elongation 27 deg. 30 min. on the 10th; in aphelion or at his greatest distance from the Earth on the 16th, near Saturn on the 18th, and near the Moon on the 33rd

distance from the Earth on the 16th, near Saturn on the 16th, that the Moon on the 23rd.

Wenus.—The following are the times of the setting of this planet on every ten days—viz: 1st, 9h. 11m. p.m.; 11th, 9h. 42m. p.m.; 21st, 10h. 12m. p.m.; and the last day, 10h. 43m. p.m.; being 3h. 32m., 3h. 46m., 3h. 58m., and 4h. 13m. respectively after sunset. She is in her ascending node on the 1st, near the Moon on the 29th, and near Mars on the same day. She is due south on the 1st at 2h. 30m. p.m., on the 15th at 2h. 37m. p.m., and on the

south on the 1st at 2h. John. P.M., on the 1st at 10h. 28m. p.m., on the 11th at 10h. 29m. p.m., and on the last day at 10h. 30m. p.m. He is near the (Continued on page 40.)



## OCTOBER.



OLD MODES OF LOCOMOTION .- THE PASSENGER HOY.

_	1 1			SUN,		Mo	OON.	DURATION	OF M	ONLIGHT		IGH W	ATER AT		1
D. OF	D. OF	ANNIVERSARIES, FESTIVALS,		Souths	1	Rises.	Sets.	Before Sunrise.		After Sunset.	London B	-	Liverpo	ol Dock	Day
M.	w.	OCCURRENCES, ETC.	Rises.	before Noon.	Sets.	Aftern.	Morn.	O'Clock.	Moon's Age.	O'Clock.		ftern.	Morn.	Aftern.	Year.
-	~		н. м.	M. S.	н. м.	н. м.	H M.	0 2 3 4 5 6	Section 2015	6 7 8 9 10 1:		н. м.	н. м.	н. м.	
1	3	16th Sund. Aft. Trinity	6 2	10 31	5 36	5 1	3 24		14			0 55	9 52	10 11	275
2	M	Admiral Keppel died, 1786	6 4	10 50	5 34	5 9	4 41		15			1 29	10 28	10 45	276
3	Tu	Treaty of Limerick, 1691	6 6	11 8	5 31	5 22	5 58					2 0	11 1	11 16	277
4	W	John Rennie (engineer) died, 1821	6 8	11 26	5 29	5 33	7 18		17			2 30	11 30	11 46	278
5	Ti	Kirke White died, 1806	6 10	11 44	5 26	5 50	8 42		18			3 2	-	0 2	279
6	F	Faith, Virgin and Martyr	6 12	12 2	5 24	6 13	10 9		19		CONTRACTOR OF STREET	3 36	0 18	0 36	280
7	S	Archbishop Laud born, 1573	6 13	12 19	5 22	6 47	11 36		20			4 10	0 52	1 10	281
8	3	17th Sund. Aft. Trinity	6 15	12 35	5 19	7 35	Aftern.		21			4 50	1 26	1 46	282
9	M	Dr. A. Kippis died, 1795	6 17	12 52	5 17	8 45	1 56		22			5 36	2 6	2 30	283
10	Tu	Oxford Michaelmas Term begins	6 18	13 7	5 15	10 6	2 41		0			6 34	2 52	3 18	284
11	W	Old Michaelmas Day	6 20	13 22	5 13	11 36	3 11		24		Contract of the second	7 50	3 50	4 24	285
12	Th	Dr. W. B. Herapath died, 1868	6 21	13 37	5 10	Morn.	3 33		25		8 38	9 32	5 6	5 54	286
13	F	Saturn souths at 8h. 47m. p.m.	6 23	13 51	5 8	1 4	3 50		26		10 24 1	1 4	6 48	7 40	287
14	S	Fire Insurance due	6 25	14 5	5 6	2 30	4 3		27		11 34	-	8 20	8 50	288
15	3	18th SUND. AFT. TRINITY	6 26	14 18	5 4	3 52	4 15		28		0 2	0 26	9 18	9 42	289
16	M	Lord Palmerston died, 1865	6 28	14 30	5 2	5 14	4 26		29		0 50	1 10	10 6	10 26	290
17	Tu	Sir Philip Sidney died, 1586	6 29	14 42	5 0	6 35	4 39		0		1 30	1 50	10 46	11 6	291
18	W	St. Luke, Evangelist	6 31	14 53	4 58	7 58	4 55		1		2 7	2 24	11 23	11 40	292
19	Th	Swift died, 1745	6 33	15 4	4 56	9 20	5 13		2		2 40	2 58	11 56	_	293
20	F	Sir Christopher Wren born, 1632	6 35	15 14	4 54	10 37	5 40		3		3 14	3 34	0 14	0 30	294
21	S	Battle of Trafalgar, 1805	6 37	15 23	4 52	11 47	6 17		4		3 50	4 8	0 50	1 6	295
22	2	19TH SUND. AFT. TRINITY	6 38	15 32	4 50	Aftern.	7 7		5		4 24	4 40	1 24	1 40	296
23		Earl of Derby died, 1869	6 40	15 40	4 48	1 30	8 10		6		5 0	5 20	1 56	2 16	297
24	Tu	Chaucer died, 1400	6 42	15 47	4 46	2 3	9 20		7			6 2	2 36	2 56	298
25	W	St. Crispin	6 43	15 54	4 44	2 25	10 34		0			6 58	3 18	3 44	299
26	-	Hogarth died, 1764	6 45	16 0	4 42	2 42	11 49		9			8 14	4 14	4 50	300
27	F	Captain Cook born, 1728	6 47	16 5	4 40	2 56	Morn.		10			9 45	5 30	6 16	301
28	S	St. Simon and St. Jude	6 49	16 9	4 38	3 6	1 4		11		10 26 1	1 0	7 1	7 42	302
25	-	20TH SUND, AFT. TRINITY	6 51	16 13	4 37	3 18	2 18	3	12		11 27 1	1 50	8 16		303
30		Fire at the Tower, 1841	6 53	16 16	4 35	3 29	3 35	5	13		-	0 10	9 6	9 26	304
31	-	Earl of Rosse died, 1867	6 55	16 18	4 34	3 41	4 54		14		0 30	0 50	9 46	10 6	305
101	1 20	Eart of Rosse died, 1601	0 00		1						-				



A SOLO. BY C. A. SMITH. FROM "THE ILLUSTRATED LONDON NEWS.

Moon on the evenings of the 25th and 29th. He is due south on the 1st at

Moon on the evenings of the 25th and 29th. He is due south on the 1st at 3h. 19m. p.m., and on the last day at 2h. 43m. p.m.

JUPITER is a morning star, and rises on the 1st day at 1h. 2m. a.m.; on the 11th at 0h. 24m. a.m.; on the 17th he rises twice on the same day—viz., at 0h. 1m. a.m., and again at 11h. 57m. p.m.; on the 30th day he rises at 11h. 5m. p.m.; and he is visible after these times till daylight. He is near the Moon on the 16th, and stationary among the stars (see diagram) on the 17th. He is due south on the 1st at 5h. 21m. a.m, and on the last day at 3h. 24m. a.m. 3h. 24m. a.m.

3n. 24m. a.m.

SATURI rises on the 1st at 6h. 34m. a.m., or 14m. before the Sun; on the 11th at 5h. 57m. a.m., or 28m. before the Sun; on the 21st at 5h. 21m. a.m., or 40m. before the Sun; and on the last day at 4h. 43m. a.m., or 54m. before sunrise. He is near Mercury on the 18th, and near the Moon on the 23rd. He is due south on the 1st at 11h. 32m. a.m., and on the 31st at 0h. 47m. a.m. 9h. 47m. a.m.

#### APRIL.

The Moon is near Jupiter during the morning of the 12th, near Saturn on the morning of the 20th, near Mercury on the 24th, near Mars during the evening of the 26th, and Venus on the 27th. Her phases or times of

First Quarter on the 1st at 12 minutes after 4h. in the afternoon. Full Moon , 8th , 39 , 7th , afternoon. Last Quarter , 16th , 37 , 8h. , afternoon. New Moon , 24th , 3 , 7th , morning. First Quarter , 30th , 27 , 10h. , afternoon.

She is furthest from the Earth on the afternoon of the 14th, and nearest on the afternoon of the 26th.

MERCURY rises about 16th. before the Sun on the 1st day; this interval decreases gradually till on the 20th, when the Sun and planet rise nearly at the

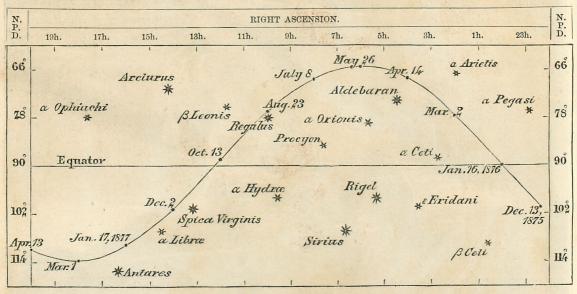
same time; and from the 21st day till June 21 the planet rises after the Sun, or in daylight. On April 22 the Sun and this planet see array at the same time; on the 25th he sets 21m. after sunset, and this continuous to 57m. by the end of the month. He is due south on the 1 10h. 56m. a.m., on the 15th at 11h. 33m. a.m., and on the last day at on. 38m. p.m. He is is in superior conjunction with the Sun on the 22nd, near the Moon on the 24th, in his ascending node on the same day, and in perihelion on the 29th. Vexus is an evening star, setting on the 10th at 11h. 9m. p.m., or 4h. 22m. after the Sun; on the 26th at 11h. 32m. p.m., or 4h. 29m. after the Sun sets; on the last day of the month at 11h. 47m. p.m., or 4h. 27m. after sunsets. She is in perihelion at midnight on the 3rd, and near the Moon on the afternoon of the 27th. She is due south on the 1st at 2h. 47m. p.m., on the 15th at 2h. 57m. p.m., and on the last day at 3h. 6m. p.m.

Mans is an evening star, and sets on the 1st at 10h. 30m. p.m., on the 10th at 10h. 31m. p.m., on the 20th at 10h. 28m. p.m., and on the 30th at 10h. 24m. p.m. He is near the Moon on the evening of the 26th. He is due south on the 1st at 2h. 47m. p.m., and on the 1st has 3m. p.m., and on the 1st at 10h. 30m. p.m., and on the 1st at 10h. 30m. p.m., and on the 1st at 10h. 30m. p.m., and on the 1st at 3h. 40m. p.m., and on the 1st at 3h. 40m. p.m., and on the 1st at 3h. 50m. a.m., and on the 1st at 3h. 20m. a.m., and on the 18th at 4h. 6m. a.m., on the 20th at 3h. 28m. a.m., and on the 30th at 2h. 51m. a.m.; being 1h. 12m., 1h. 27m., and and 1h. 44m. respectively before sunrise on these days. He is near the Moon on the 20th at 5h. 54m. a.m.; and on the 30th at 8h. 0m. a.m.

the 30th at 8h. 0m. a.m.

#### MAY.

The Moon is near Jupiter on the morning of the 9th; she is near Saturn on the morning of the 17th; near Mercury on the 25th; she is near Mars on the evenings of the 24th and 25th, being to the west of the planet



PATH OF MARS FROM 1875, DEC. 13, TO 1877, APRIL 13.

Full Moon on the 8th at 53 minutes after 9h. in the morning.

Last Quarter ,, 16th at 27 ,, 1h. ,, afternoon
Full Moon ,, 23rd at 25 ,, 3h. ,, afternoon
First Quarter ,, 30th at 48 ,, 5h. ,, morning. 1h. ,, afternoon. 3h. ,, afternoon. 5h. ,, morning.

She is furthest from the Earth about noon on the 12th, and nearest on the afternoon of the 24th.

afternoon of the 24th.

Mercury is an evening star, setting at 8h. 59m. p.m. on the 5th, or 1h. 32m. after sunset, which interval gradually increases as the month advances, and by the 15th is 2h. 11m., the planet setting on this day at 9h. 54m. p.m. On the 19th and 20th he sets 2h. 11m. after the Sun. From this day the interval decreases, and by the 30th is 1h. 43m., the planet setting at 9h. 45m. p.m. He is due south on the 1st at 0h. 37m. p.m.; on the 15th, 1h. 25m. p.m.; and on the last day at 1h. 20m. p.m. He is at his greatest eastern elongation, 22 deg. 29 min., on the 21st; and near the Moon on the 25th.

VENUS is an evening star, setting at 4h. 16m. after sunset on the 10th,

near the Moon on the 25th.

VENUS is an evening star, setting at 4h. 16m. after sunset on the 10th,
3h. 53m. on the 20th, and 3h. 23m. on the 30th, the planet setting on
these days at 1th. 51m. p.m., 1th. 43m. p.m., and 1th. 25m. p.m. respectively. She is near the Moon on the evening of the 26th. She is due
south on the 1st at 3h. 7m. p.m., on the 15th at 3h. 10m. p.m., and on the
last day of the 10th 1m. and on the

south of the 1st as on. Im. p.m., and the 1st at 1st. 1st. p.m., p.m., on the 1st at 1st. 1st. p.m., p.m., on the 1st at 1st. 1st. 2sm. p.m., on the 1st at 1st. 1st. p.m., on the 3sth at 1st. 1st. p.m., on the 2sth at 1st. 1st. p.m., on the 2sth at 1st. 1st. p.m., on the 2sth and 2sth. He is due south on the 1st at 2st. 9m. p.m., and on the last day at

25th. He is due south on the 1st at 2h. 9m. p.m., and on the last due, 1h. 37m. p.m.

JUPITER rises at Sh. Sm. p.m. on the 9th, or 35 minutes after sunset. On the 15th he rises at about the time of sunset, and from this time to Dec. 4 the planet rises in daylight, and during this month is visible nearly all night, he setting on the last day 26 minutes before sunrise. He is near the Moon on the 9th, and in opposition to the Sun on the 17th. He is due south on the 1st at 1h. 12m. a.m., and on the 31st at 10h. 54m. p.m.

Saturn is a morning star, rising on the 10th at 2h. 12m. a.m., on the

on the former and to the east on the latter day; and she is near Venus during the evening of the 26th. Her phases or times of change are:—

Full Moon on the 8th at 53 minutes after 9h, in the morning.

20th at 1h. 34m. a.m., on the 30th at 0h. 56m. a.m. He is near the Moon on the 17th, and in quadrature with the Sun on the 28th. He is due south on the 1st at 7h. 56m. a.m., and on the last day at 6h. 4m. a.m.

## JUNE.

THE Moon is near Jupiter during the morning of the 5th; she is near Saturn during the morning of the 14th; near Mercury on the 21st; near Mars on the evening of the 22nd, and Venus on the 23rd. Her phases or times of change are:

Full Moon on the 7th at 37 minutes after 0h. in the morning.

Last Quarter , 15th , 15 ,, 3 ,, morning.

New Moon , 21st ,, 17 ,, 10 ,, afternoon first Quarter ,, 28th ,, 14 ,, 3 ,, afternoon afternoon first Quarter ,, 28th ,, 14 ,, 3 ,, afternoon first Quarter ,, 28th ,, 14 ,, 3 ,, afternoon first Quarter ,, 28th ,, 14 ,, 3 ,, afternoon first Quarter ,, 28th ,, 14 ,, 3 ,, afternoon first Quarter ,, 28th ,, 14 ,, 3 ,, afternoon first Quarter ,, 28th ,, 14 ,, 3 ,, afternoon first Quarter ,, 28th ,, 14 ,, 3 ,, afternoon first Quarter ,, 28th ,, 14 ,, 3 ,, afternoon first Quarter ,, 28th ,, 14 ,, 3 ,, afternoon first Quarter ,, 28th ,, 14 ,, 3 ,, afternoon first Quarter ,, 28th morning. afternoon.

First Quarter ,, 28th ,, 14 ,, 3 ,, afternoon.

She is furthest from the Earth on the evening of the 8th, and nearest on the morning of the 22nd.

Mercury is an evening star till the 13th, setting on the 4th day at 9h.17m. p.m., or 1h. 10m. after sunset, this interval rapidly decreasing to 33m. by the 9th, and on the 13th the planet and sun set nearly together, and from the 14th day to the 1st of August he sets in daylight. On the 21st he rises at about the same time as the Sun; on the 24th he rises 18 minutes before sunrise, and rises at 3h. 3m. a.m. on the last day. He is due south on the 1st at 1h. 17m. p.m.; on the 15th at 0h. 5m. p.m.; and on the last day at 10h. 48m. a.m. He is in his descending node on the 2nd; stationary among the stars (see diagram) on the 3rd; in aphelion on the 12th; in inferior conjunction with the Sun on the 16th; near the Moon on the 21st; and a second time this month stationary among the stars (see diagram) on the 2th; and a second time this month stationary among the stars (see diagram) on the 2th;

and a second time this month stationary among the stars (see diagram) on the 27th.

Venus is still an evening star, setting on the 9th at 10h. 55m. p.m., or 2h. 44m. after the Sun; on the 19th at 10h. 14m. p.m., or 1h. 57m. after the Sun; on the 29th at 9h. 16m. p.m., or 59m. after the Sun. She shines with great brilliancy on the 7th; she is in her descending node on the 21st, stationary among the stars (see diagram) on the 21st, and near the Moon on the 23rd. She is due south on the 1st at 3h. 0m. p.m., on the 15th at 2h. 30m. p.m., and on the last day at 1h. 28m. p.m.

Mars is still an evening star, setting on the 9th at 9h. 49m. p.m., or



1h. 38m. after sunset; on the 19th at 9h. 34m. p.m., or 1h. 17m. after sunset; on the 29th at 9h. 15m. p.m., or 58m. after sunset. He is near the Moon during the evening of the 22nd. He is due south on the 1st at 1h. 36m. p.m., and on the last day at 1h. 3m. p.m.

JUPITER sets on the 10th at 2h. 44m. a.m., or 1h. 2m. before sunrise; on

JUPITER sets on the 10th at 2h. 44m. a.m., or 1h. 2m. before sunrise; on the 20th at 2h. 1m. a.m., or 1h. 44m. before sunrise; and on the last day at 1h. 20m. a.m., or 2h. 19m. before sunrise. He is near the Moon on the 5th. He is due south on the 1st at 10h. 50m. p.m., and on the 30th at 5h. 45m. p.m., on the 28th at 10h. 50m. p.m. He is near the Moon on the 14th, and stationary among the stars (see diagram) on the 19th. He is due south on the 1st at 6h. 0m. a.m., and on the last day at 4h. 7m. a.m.

#### JULY.

The Moon is near Jupiter during the evenings of the 1st and 2nd, being to the right of the planet on the 1st, and to the left on the latter evening. She is near Saturn during the morning hours of the 11th, she is near Mercury on the morning of the 19th, she is near Venus on the 20th, near Mars on the evening of the 21st, and a second time this month near Jupiter during the evening of the 29th. Her phases or times of change are:—

Full Moon on the 6th at 38 minutes after 3h. in the afternoon. Last Quarter ,, 14th ,, 56 New Moon ,, 21st ,, 53 First Quarter ,, 28th ,, 19 1 4 3 ,, afternoon ,, morning. ,, morning. afternoon. ,, "

She is furthest from the Earth at about midnight on the 5th, and nearest on the afternoon of the 20th.

MERCURY is a morning star, rising on the 4th at 2h. 49m. a.m., or 1h. 3m. before sunrise; on the 9th at 2h. 37m. a.m., or 1h. 20m. before the Sun; on the 14th and 15th he rises 1h. 27m. before sunrise; from this day the interval decreases to 1h. 23m. by the 19th, to 1h. 9m. by the 24th, and to

47m. by the 29th, when the planet rises at 3h. 34m. a.m. He is due south on 1st at 10h. 45m. a.m., on the 15th at 10h. 42m. a.m., and on the last day at 11h. 47m. a.m. He is at his greatest western elongation (20 deg. 49 min.) on the 9th, near the Moon on the 19th, in his ascending node on the 21st, near Venus on the 23rd, and in perihelion on the 26th.

Venus sets on the 8th nearly at the same time as the Sun, and from this day to the end of the year she sets in daylight. She rises on the 18th with the Sun, and 1h. 17m. before him on the 29th, the planet rising at 3h. 4m. a.m. She is near Mars on the 5th, in inferior conjunction with the Sun on the 14th, near the Moon on the 20th, near Mercury on the 23rd, and in aphelion on the 25th. She is due south on the 1st at 1h. 23m. p.m., on the 15th at 11h. 55m. a.m., and on the last day at 10h. 22m. a.m.

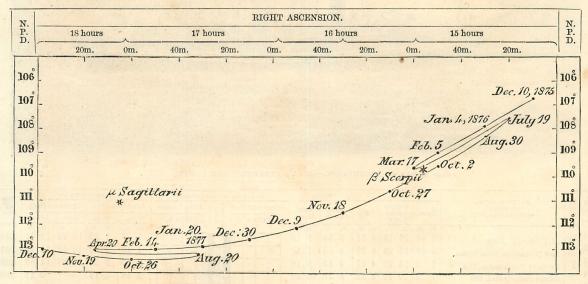
Mars is an evening star, and sets on the 9th at 8h. 55m. p.m., or 43m. after the Sun; on the 19th at 8h. 34m. p.m., or 9pm. after the Sun; on the 19th at 8h. 34m. p.m., or 19m. after the Sun; on the 21st. He is due south on the 1st at 1h. 2m. p.m., and on the last day at 0h. 24m. p.m.

the last day at 0h. 24m. p.m.

JUPITER sets on the 10th at 0h. 39m. a.m., or 3h. 19m. before sunrise; JUTTER sets on the 10th at 0h. 39m. a.m., or 3h. 19m. before sunrise; on the 19th he sets twice on the same day—viz., at 0h. 3m. a.m., and 11h. 59m. p.m.; he sets on the 29th at 11h. 20m. p.m., or three hours and a half after sunset. He is near the Moon during the evenings of the 1st, 2nd, and the 29th, and stationary among the stars (see diagram) on the 19th. He is due south on the 1st at 8h. 41m. p.m., and on the last day at 6h. 42m. p.m., SATURN rise on the 8th at 10h. 20m. p.m., on the 18th at 9h. 40m. p.m., on the 28th at 9h. 0m. p.m.; being 2h. 7m., 1h. 34m., 1h. 9m. respectively after sunset on these days. He is near the Moon on the 11th. He is due south on the 1st at 4h. 3m. a.m., and on the last day at 2h. 0m. a.m.

#### AUGUST.

THE MOON is near Saturn on the morning of the 7th, and near Venus on the morning of the 17th. She is near Mars on the 19th, near to Mercury on



PATH OF JUPITER FROM 1875, DEC. 10, TO 1877, DEC. 10.

Full Moon on the 5th at 38 minutes after 6h, in the morning.

Last Quarter , 12th , 58 , 9h. , afternoon oh, , 15th , 26 , 6th , afternoon oh, of the morning of the offen of th , 12th ,, 58 ,, 19th ,, 26 ,, 26th ,, 17 First Quarter 6h. afternoon.

First Quarter ,, 26th ,, 17 ,, 6h. ,, afternoon.

She is furthest from the Earth on the morning of the 2nd, and again on the evening of the 29th, and nearest on the evening of the 17th.

Mercury rises 17m. before the Sun on the 3rd; on the 6th he rises nearly at the same time as the Sun, and from this day to Oct. 13 he rises in day-light. On the 1st he and the Sun set nearly together; on the 8th he sets 17m. after sunset, which interval gradually increases to 35m. by the 23rd, and remains at this point till the 28th, the planet setting on this day at 7h. 29m. p.m. He is due south on the 1st at 11h. 51m. a.m., on the 15th at 0h. 46m. p.m., and on the last day at 1h. 19m. p.m. He is in superior conjunction with the Sun on the 5th, near Mars on the 6th, near the Moon on the 20th, and in his descending node on the 29th.

Venus is a morning star, rising on the 8th at 2h. 20m. a.m., or 2h. 16m. before sunrise; on the 18th at 1h. 51m a.m., and on the 28th at 1h. 33m. a.m. She is stationary among the stars (see diagram) on the 4th; near the Moon on the 17th; she shines brilliantly on the 20th. She is due south on the 1st, at 10h. 17m. a.m., on the 15th at 9h. 29m. a.m, and on the last day at 9h. 4m. a.m.

Mans is an evening star till the 28th; he sets on the 8th at 7h. 45m p.m.;

on the 18th at m. a.m.

MARS is an evening star till the 28th; he sets on the 8th at 7h. 45m p.m.; on the 18th at 7h. 19m. p.m., or 7m. only after sunset. On the 28th the planet and the Sun. set nearly together, and from this day to the end of the year he sets in daylight. He rises on the 11th nearly with the Sun; on the 18th, 14m. before sunrise; and on the 28th at 4h. 34m. a.m., or 34m. before sunrise. He is in conjunction with the Sun on the 13th, and near the Moon on the 19th. He is due south on the 1st at 0h. 22m. p.m; and on the last day at 11h. 39m. a.m.

Jurrene is an evening star, setting on the 8th at 10h. 42m. p.m., on the 18th at 10h. 4m. p.m., and on the 28th at 9h. 27m. p.m. He is in quadrature with the Sun on the 15th, and near the Moon on the 28th. He is due south on the 1st at 6h. 38m. p.m., and on the last day of 1h. 50m. p.m.

SATURN rises on the 7th at 8h. 20m. p.m., or 42° after sunset; on the 17th at 7h. 40m. p.m., or 24m. after sunset.

the evening of the 20th, and near to Jupiter during the evening of the 25th.

Her phases or times of change are:—

Full Moon on the 5th at 38 minutes after 6h. in the morning.

Last Quarter "12th", 58 "9h. "afternoon.

New Moon "19th", 26 "9h. "afternoon.

Oh. "afternoon.

Oh. "afternoon."

## SEPTEMBER.

The Moon is near Saturn during the evening hours of the 2nd and morning hours of the 3rd; near Venus on the morning of the 13th, near Mars on the evening of the 16th, near Mercury on the 19th, near Jupiter on the evening of the 22nd, and Saturn a second time this month on the 30th. Her phases or times of change are:—

Full Moon on the 3rd at 13 minutes after 9h. in the afternoon.

Last Quarter ,, 11th ,, 21 ,, 4h. ,, morning.

New Moon ,, 17th ,, 54 ,, 9h. ,, afternoon.

First Quarter ,, 25th ,, 3 ,, 0h. ,, afternoon.

She is nearest the Earth on the afternoon of the 14th, and furthest from it on the afternoon of the 26th.

She is nearest the Earth on the atternoon of the 14th, and rurnest from he on the afternoon of the 26th.

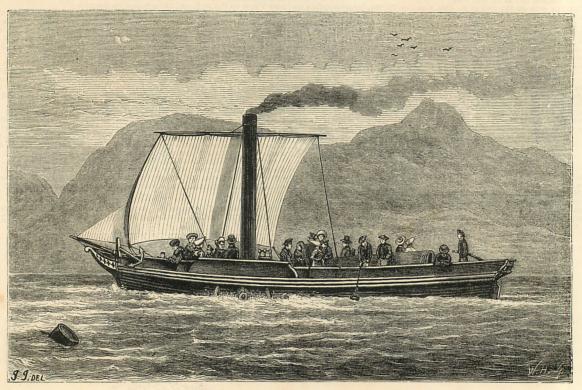
Mercury is an evening star, setting on the 2nd at 7h. 16m. p.m., or 34m. after the Sun. This interval decreases to 30m. by the 12th, on which day the planet sets at 6h. 51m. p.m., to 22m. by the 22nd, the planet setting at 6h. 20m. p.m., and to 16m. by the 27th; the planet sets on this day at 6h. 20m. p.m., and to 16m. by the 27th; the planet sets on this day at 6h. 3m. p.m. He is due south on the 1st at 1h. 20m. p.m., on the 15th at 1h. 28m. p.m., and on the last day at 1h. 5m. p.m. He is in aphelion on the Sth, at his greatest eastern elongation, 26 deg. 20 min., on the 17th, and near the Moon on the 19th.

VERUS is a morning star, and rises on the 7th at 1h. 27m. a.m., on the 17th, at 1h. 29m. a.m., and on the 27th at 1h. 39m. a.m. She is near the Moon on the 13th, and at the greatest western elongation (46 deg. 6 min.) on the 27th. She is due south on the 1st at 9h. 3m. a.m., on the 15th at 8h. 56m. a.m., and on the last day at 8h. 57m. a.m.

Mars is a morning star, rising on the 7th at 4h. 32m. a.m., or 51m. before the Sun; on the 17th at 4h. 30m. a.m., or 1h. 9m. before the Sun; on the 27th at 4h. 27m. a.m., or one hour and a half before sunrise. He is in aphelion on the 12th, and near the Moon during the evening hours of the 16th. He is due south on the 1st at 11h. 37m. a.m., and on the last day at 10h. 52m. a.m. (Continued on page 44.)

(Continued on page 44.)

## NOVEMBER.



OLD MODES OF LOCOMOTION.—BELL'S STEAMER "THE COMET," 1812.

D		D.	ANNIVERSARIES,			SUN.		мос	N.		DURATION	OF M	OONLIGH	T.	HIGH WATER AT					Day
O. M		of	FESTIVALS,	Di	ses.	Souths	Sets.	Rises.	Sets.	B	efore Sunrise.	n's	After	Sunset.	London	Bridge.	Liverpo	ol Doc		of
-	-	w.	OCCURRENCES, ETC.	IVI		Noon.		Aftern.	Morn.	-	O'Clock.	Moon' Age.	0'0	llock.	Morn.	Aftern.	Morn.	After	n.	Year.
	1	117			м. 56	м. в.	н. м. 4 31	н. м.	н. м. 6 16	0	2 3 5 7		4 6	8 10 12	H. M.	н. м.	н. м.	10 4	м.	306
1	0	W	All Saints' Day										_		1 42		10 58	11 1		
	0	Th	Law Michaelmas Term begins	6	58	16 20	4 29	4 15	7 45			16			-				100	307
1		F	Battle of Hohenlinden, 1800	7	0	16 20	4 27	4 45	9 14			17			2 17	2 36	11 33		52	308
		S	George Peabody died, 1869	7	2	16 19	4 26	5 29	10 40			18			2 55	3 14	-	0 1		309
	5	5	21st Sund. Aft. Trinity	7	4	16 17	4 24	6 34	11 51			19			3 34	3 56	0 30	0 5	0	310
1		M	Leonard, Confessor	7	6	16 14	4 22	7 54	Aftern.			20			4 20	4 44	1 12	1 3	36	311
1		Tu	Battle of Mooltan, 1848	7	7	16 10	4 21	9 22	1 14	1		21			5 8	5 34	2 0	2 2	24	312
	8	W	Cambridge Michaelmas Term divides (noon)	7	8	16 6	4 19	10 51	1 38			0			6 4	6 34	2 50	3 2	20	313
	9	TH	Birth of the Prince of Wales, 1841	7	10	16 0	4 18	Morn.	1 56			23			7 10	7 50	3 50	4 2	26	314
1	0	F	Martin Luther born, 1483	7	11	15 54	4 16	0 16	2 10			24			8 30	9 16	5 6	5 4	16	315
1	1	S	Length of day, 9h. 1m.	7	13	15 47	4 14	1 37	2 23			25			9 58	10 34	6 32	7 1	14	316
1		5	22nd Sund. Aft. Trinity	7	14	15 39	4 13	2 58	2 35			26			11 6	11 34	7 50	8 2	22	317
1		M	Rev. A. M'Caul died, 1863	7	16	15 30	4 11	4 17	2 46			27			11 57	_	8 50	9 1	13	318
1		Tt	Muller executed, 1864	7	18	15 21	4 10	5 38	2 59			28			0 20	0 42	9 36	9 8	58	319
1	-	W	Machutus	7	20	15 10	4 9	6 59	3 18	- 10		29			1 4	1 24	10 20	10 4	10	320
1		Th		7	22	14 59	4 7	8 17	3 41			0			1 44	2 2	11 0	11 1	18	321
1		F	Rubens born, 1577	1	23	14 47	4 6	9 31	4 15			2			2 20	2 37	11 36		53	322
1		S	Hugh, Bishop of Lincoln	1.	25	14 33	4 5	10 37	4 59			3			2 54	3 12	_	10000	10	323
1			Cardinal Wolsey died, 1536	1	27	14 20	4 4	11 25	5 58			4	-		3 30	3 48	0 28		16	324
2		\$	23RD SUND. AFT. TRINITY	1	29	14 5	4 3	Aftern.	7 6			5	-		4 6	4 24	1 4			325
		M	The Earl of Elgin died, 1863	1.				10.05	8 18			6			4 40	5 0	1 40			326
2		Tu	Princess Royal born, 1840	7	31		-		9 32			7	-	-	5 20	5 42	2 16	1200	36	327
2		W	St. Cecilia	7	32	13 33	4 0	1				8	-	-	6 4	6 30	2 58		20	328
2		Th	St. Clement	17	34	13 16	3 59	1 1	10 45			Ö		- 3	6 57	7 27	3 46	14/4	and the same	329
1000	4	F	John Knox died, 1572	7	35	12 58	3 58	1 12	11 59	'		10	-		8 0	8 34	4 43	100	16	330
	5	S	Law Michaelmas Term ends	7	37	12 40	3 57	1 23	Morn.			The same of	-				5 50		_	331
	6	Z	24TH SUND. AFT. TRINITY		39	12 21	3 56	1 34	1 12			11			9 10	9 46	1 1 1 1 1	1 1000	26	332
2		M	Princess Mary (of Teck) born, 1833	7	40	12 1	3 55	1 45				12			10 20	10 50	7 2		36	and the same of the
2	8	Tu	Baron Bunsen died, 1860	7	41	11 40		1 58	3 46			13			11 16	11 40	8 6		32	333
2	9	W	M. Berryer died, 1868	7	43	11 19	The Later	2 17	5 12			14	-		-	0 4	100	-	20	334
3	0	Th	St. Andrew	7	44	10 57	3 53	2 42	6 42	2		15			0 25	0 46	9 41	110	2	335



STATUE OF RICHARD BAXTER, THE PURITAN DIVINE, AT KIDDERMINSTER.
FROM "THE ILLUSTRATED LONDON NEWS."

JUPITER is an evening star, and sets on the 7th at Sh. 51m. p.m., or 2h. 19m. after sunset; on the 17th at Sh. 15m. p.m., or 2h. 6m. after sunset; and on the 27th at 7h. 40m. p.m., or 1h. 53m. after sunset. He is near the Moon on the 22nd. He is due south on the 1st at 4h. 46m. p.m., and on the

Moon on the 22nd. He is due south on the 1st at 4n. 40m. p.m., and on the last day at 3h. 10m. p.m.

SATURN sets on the 8th at 4h. 18m. a.m., on the 18th at 3h. 33m. a.m., and on the 28th at 2h. 53m. a.m., and is visible throughout the night till these times. He is near the Moon on the 3rd, and again on the last day. He is due south on the 1st at 11h. 42m. p.m., and on the last day at 9h. 40m. p.m.

#### OCTOBER.

THE MOON is near Venus on the morning of the 14th; she is near Mars on the mornings of the 15th and 16th, being situated to the right of the planet on the 15th, and to the left on the 16th; she is near Mercury on the evening of the 16th, being a little to the right of him; she is near Jupiter on the evening of the 20th, and to Saturn during the evening hours of the 27th. Her phases or times of change are :-

Full Moon on the 3rd at 56 minutes after 10h, in the morning. Last Quarter , 10th ,, 19 New Moon ,, 17th ,, 57 First Quarter ,, 25th ,, 55 10 morning 7

She is nearest the Earth on the afternoon of the 10th, and furthest from it

She is nearest the Earth on the atternoon of the room, and rurness from room the morning of the 24th.

Mercury sets on the 2nd at 5h. 44m. p.m., or 10m. after sunset; on the 7th he and the Sun set nearly together, and from the 8th of this month to the 9th of December he sets before the Sun or in daylight. He rises on the 13th nearly at the same time as the Sun; on the 17th at 5h. 41m. a.m., or 48m. before sunrise; on the 22nd at 5h. 5m. a.m., or 1h. 33m. before the sun; and on the

27th at 4h. 58m. a.m., or 1h. 49m. before sunrise. He is due south on the 1st at 1h. 1m. p.m., on the 15th at 11h. 26m. a.m., and on the last day at 10h. 38m. a.m. He is stationary among the stars (see diagram) on the 1st, in inferior conjunction with the Sun on the 13th, near the Moon on the 16th, in his ascending node on the 17th, again stationary among the stars (see diagram) on the 21st, in perihelion on the 22nd, and at his greatest western elongation, 18 deg. 31 min., on the 28th.

VENUS is a morning star, rising on the 7th at 1h. 55m. am., on the 17th at 2h. 16m. a.m., on the 27th at 2h. 37m. a.m. She is in her ascending node on the morning of the 12th, and near the Moon on the morning of the 14th. She is due south on the 1st at 8h. 57m. am., on the 15th at 9h. 0m. am., and on the last day at 9h. 6m. a.m.

Mans is a morning star, and rises on the 7th at 4h. 23m. a.m., or 1h. 50m. before sunrise; on the 17th at 4h. 21m. a.m., or 2h. 8m. before the Sun; on the 27th at 4h. 18m. a.m., or nearly 2h. 30m. before the Sun. He is near the Moon on the mornings of the 14th and 15th. He is due south on the 1st day at 10h. 50m. a.m., and on the last day at 10h. 3m. a.m.

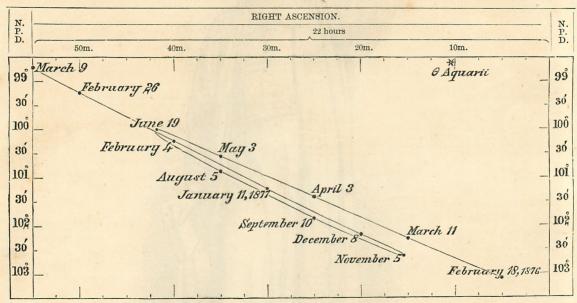
JUPTER is still an evening star, setting on the 7th at 7h. 6m. p.m., or 1h. 44m. after the Sun; on the 17th at 6h. 31m. p.m., or 1h. 31m. after the Sun; and on the 27th at 5h. 58m. p.m., or 1h. 18m. after sunset. He is near the Moon on the 20th. He is due south on the 1st at 3h. 7m. p.m., and on the last day at 1h. 33m. p.m.

the moon on the 20th. He is due south on the 1stat on, rin, p.i.n., and on the last day at 1h. 33m. p.m.

Saturn sets on the 8th at 2h. 10m. a.m., on the 18th at 1h. 29m. a.m., and on the 29th at 0h. 48m. a.m. He is near the Moon on the evening of the 27th. He is due south on the 1st at 9h. 36m. p.m., and on the last day at 7h. 35m. p.m.

#### NOVEMBER.

THE MOON is near Venus on the morning of the 12th, being situated to the right of this planet. She is also near Venus and Mars on the morning of



PATH OF SATURN FROM 1876, FEB. 18, TO 1877, MARCH 9.

the 13th, being nearer to Mars than to Venus. She is near Mercury on the morning of the 15th, Jupiter on the 17th, and to Saturn on the morning of the 24th. Her phases or times of changes are:— She is near Mercury on the

Full Moon on the 1st at 31 minutes after 11h. in the afternoon. Last Quarter ,, 8th ,, 17 ,, 5h. ,, afternoon. New Moon ,, 16th ,, 48 ,, 0h. ,, morning. First Quarter ,, 24th ,, 27 ,, 4h. ,, morning. afternoon.

She is nearest the Earth on the morning of the 5th, and furthest from it

Moon on the 24th. He is due south on the 1st at 7h. 31m. p.m., and on the 30th at 5h. 39m. p.m.

## DECEMBER.

THE MOON is near Mars and Venus on the morning of the 12th, and near Venus on the morning of the 13th. She is near Jupiter on the morning of the 15th, near Mercury on the 16th, and to Saturn on the 21st. Her phases or times of change are:—

Full Moon on the 1st at 4 minutes after 11h. in the morning.

She is nearest the Earth on the morning of the 5th, and furthest from its on the morning of the 21st.

Mencury is a morning star, rising on the 1st at 5h. 5m. a.m., or 1h. 5tm.

Mencury is a morning star, rising on the 1st at 5h. 5m. a.m., or 1h. 5tm.

Last Quarter ", 8th., 23 ", 2h. ", morning.

New Moon ", 15th., 14 ", 6h. ", afternoon.

Full Moon on the 1th, to 1h. 1m. on the 16th, to 42m. on the 23th, and to 23m.

on the 28th; the planet rising on these days respectively at 5h. 28m. a.m., on

the 1st at 10h. 38m. a.m.; on the 1st at 10h. 38m. a.m.; on the 1st at 10h. 38m. a.m.; on the 1st at 10h. 38m. a.m.; on the 1st at 10h. 38m. a.m.; on the 1st at 10h. 38m. a.m.; on the 1st at 10h. 38m. a.m.; on the 1st at 10h. 38m. a.m.; on the 1st at 10h. 38m. a.m.; on the 1st at 10h. 38m. a.m.; on the 28th at 3h. 58m. a.m. She is near the Moon on the 1st at 10h. 38m. a.m., on the 28th at 3h. 30m. a.m., on the 28th at 3h. 58m. a.m. She is near the Moon on the 1st at 10h. 38m. a.m., on the 28th at 3h. 30m. a.m., on the 28th at 4h. 15m., a.m., or 2h. 51m.

Mans is a morning star.

Mans is a morning star, rising on the 1st at 1h. in the morning.

Last Quarter ", 8th., 23 ", 2h. ", morning.

New Moon ", 15th 1, 14 ", 6h. ", afternoon.

Full Moon ", 30th ", 59 ", 9h. ", afternoon.

Full Moon ", 30th ", 59 ", 9h. ", afternoon.

She is nearest the Earth on the morning of the 28th. Mencury rises nearly at the same time as the Sun on the 1st, and from the 1st at 9h. 6m. a.m., on the 28th. She is due south on the 1st at 9h. 6m. a.m., on the 28th. She is due south on the 1st at 9h. 6m. a.m., on the 15th at 9h. 12m. a.m., and on the 28th. She is due south on the 1st at 1h. 14m. a.m., and on the 28th. She is due south on the 1st at 1h. 14m. a.m., and on the 28th. She is due south on the 1st at 1h. 14m. a.m., and on the 28th. She is a morning star, rising on the 6th at 4h. 2m. p.m., or 2h. 2m. p.m., and on the 28th at 4h. 10m. p.m., or 2h. 2m. p.m., and on the 28th. 2m. a.m., on the 15th at 9h. 2m. a.m., on the 15th at 9h. 2m. a.m.,

the 12th. He is due south on the 1st at 9h. 15m. a.m., and on the last day

the 12th. He is due south on the 1st at 9h. 15m. a.m., and on the last day of the year at 8h. 33m. a.m.

JUPITER sets nearly at the same time as the Sun on the 5th, and from this day he sets in daylight. He rises on the 4th at about the same time as the Sun. He rises 47m. before sunrise on the 16th, and th. 36m. before sunrise on the last day of the year, the planet rising on this day at 6h. 32m. a.m. He is in conjunction with the Sun on the 4th, and near the Moon on the 15th. He is due south on the 1st at noon, and on the last day of the year at 10h. 31m. a.m.

SATURN is an evening star, setting on the 6th at 10h. 16m. p.m., on the 16th at 9h. 41m. p.m., on the 26th at 9h. 5m. p.m., and on the last day of the year at 8h. 48m. p.m., or 4h. 49m. after sunset. He is near the Moon on the 21st. He is due south on the 1st at 5h. 35m. p.m., and on the last day of the year at 8h. 45m. p.m.

day of the year at 3h. 45m. p.m.

## ECLIPSES, 1876.

ECLIPSES, 1876.

In the year 1876 there will be two Eclipses of the Sun and two of the Moon-The first is a Partial Eclipse of the Moon, on March 10. The beginning of the eclipse will be at 5h. 21m. in the morning, Greenwich mean time; its middle will be at 6h. 21m., and the Moon will set 12m. after this time, or at 6h. 33m. a.m. Part only of this eclipse will therefore be visible from England. The eclipse will end at 7h. 21m. At the time of the beginning of the eclipse the Moon will be in the zenith of a place whose longitude is 7d deg. 46min. west of Greenwich, and in 5deg. north latitude; at the middle she will be in the zenith of a place whose longitude is 92 deg. 20 min. west and in latitude 4 deg. 40 min. north; and at the end she will be in the zenith of a place whose longitude is 92 deg. 20 min. west and in latitude. At the time of the greatest phase nearly one third part of the diameter will be obscured.

The second will be an annular eclipse of the Sun on March 25, invisible from Europe. The central eclipse begins generally at 6h. 39m. p.m., Greenwich mean time, in longitude 171 deg. 25 min. east, and latitude 9 deg. north; and the central eclipse ends generally at 9h. 31m. p.m., in longitude 46 deg. 5min. west, and latitude 67 deg. north. This eclipse will be visible from North America and the North Pacific Ocean.

The third eclipse is a partial eclipse of the Moon on Sept. 3. It begins at 8h. 15m. p.m., and is visible, as the Moon on this day rises at 6h. 41m. p.m., or 1h. 34m. before the eclipse begins; the middle of the eclipse will be at 9h. 22m. p.m., when somewhat more than one-third of the diameter will be obscured. The eclipse ends at 10h. 29m. p.m. At the time of the middle of the eclipse the Moon will be in the zenith of a place whose longitude is 39½ deg. east, and latitude 7 deg. 55 min south.

The fourth and last eclipse of this year will be a total eclipse of the Sun

south.

The fourth and last eclipse of this year will be a total eclipse of the Sun on Sept. 17-18. It will not be visible from Europe. It will begin on the Earth generally at 7h. 12m. p.m. on the 17th, mean time at Greenwich, in longitude 160 deg. 12 min. east, and latitude 10 deg. nearly north. The central eclipse begins at 8h. 16m. p.m. and ends at 11h. 22m. p.m., in longitude 85 deg. west and latitude 59 deg. 36 min. south. The eclipse ends on the Earth generally at 0h. 26m. a.m., on Sept. 18, in longitude 100 deg. west, and latitude 48 deg. 20 min. south. It will be visible from Australia and the South Pacific Ocean.

## THE EXPENDITURE OF THE METROPOLITAN BOARD OF WORKS.

The expenditure of the Metropolitan Board is estimated to amount during the year 1875 to £827,194. A year since it was placed at £750,799; while two years previously it had been estimated at £617,130. The expenditure of the board is growing with regularity at the rate of £70,000 a year. The rental of the metropolis is rather less than £21,000,000 a year. A penny rate on a rental of £21,000,000 produces £87,500 a year, so that the annual addition to the expenditure of the Metropolitan Board is very nearly equivalent to the addition of a penny to the rates of the metropolis. And this addition to the rates has practically been made. In 1872 the rate demanded was equivalent to a rate of £68d.; in 1874, or two years afterwards, it amounted to 4.41d.; while in the present year it reaches 5.27d. Next year we may look forward to a sixpenny rate, and, in all probability, this sum will be gradually raised in future years to a very much higher impost. The expenditure of the Metropolitan Board is estimated to amount during

impost.

The most important item in the expenditure of the board is the charge of its debt. The charge of the debt amounted:—

Interest	1,224	 1.411	 2.164
	£470,830	£557,251	£636,451

The three other important items are increasing much more slowly :-

Maintenance of sewage works, parks, &c. Fire Brigade working expenses	1872. £51,066 69,709	1874. £77,203 72,508	1875. £78,099 74,108
Establishment charges	17,690		21,449
	£190 405	0170 700	0170 070

The revenue of the board may be divided into four great branches:

1, Coal and wine duties; 2, contributions to the expense of fire brigade;
3, interest and rents; 4, rate.
deficiency in the other three.

Happily, however, for the ratepayers, these
three are steadily increasing.

Still selecting the same years as our guide,

Coal and wine duties Fire Brigade, contributions to Rents, interest, &c	1872. £215,000 26,126 54,884	1874. £225,000 27,097 86,580	1875. £233,000 28,093 803,108

£296,010 £338,677 £364,901
The ordinary revenue of the board, exclusive of the rates, may be said to be increasing at the rate of about £25,000 a year.
The rapidity with which the board is incurring debt is very remarkable.
On Dec. 31, 1871, £3,527,978 of Metropolitan Consolidated Stock had been

issued. No addition was made to the amount in 1872, but the Consolidated Stock increased in 1873 to £5,411,011, and in 1874 to £8,011,011. £4,500,000 of Consolidated Stock was, in other words, raised in two years. This debt was, however, due to the conversion of some of the earlier loans of the board into Metropolitian Stock. In 1872 the earlier loans of the board cost the ratepayers £236,000 a year. In the present year their charge has been reduced to £172,000. The difference mainly arises from the conversion of the other securities of the board into Three-and-a-Half per Cent Stock. But, when the fullest deduction is made on this account, the debt of the board must be admitted to be increasing with very great rapidity. Last year the board estimated that they would require £1,583,000 for various improvements. They actually spent upwards of £2,045,000 on works of this character. This year they are contemplating an expenditure of only £935,000, but the experience of last year justifies an apprehension that the estimate will be largely exceeded by the reality.

## LIST OF PERSONS WHO HAVE DIED LEAVING FORTUNES OF A QUARTER OF A MILLION AND UPWARDS.

(From the "Illustrated London News" Weekly Report of Wills and Bequests.)

1874.	
Leaf, William, late of Park Hill, Streatham, Surrey, Sept. 4	£300,000
Egmont, the Earl of, late of St. James's-place, &c., Sept. 18	350,000
Allan, Bryce, late of Liverpool, Sept. 17	250,000
Beale, Samuel, Esq., late of Winfield Grove, Berks, Nov. 6	350,000
Gagniere, Auguste, Esq., late of Golden-square, Nov. 28	400,000
Wormald, John, Esq., late of Highbury Lodge, Islington, Dec. 1	250,000
Joynson, William, Esq., late of St. Mary Cray, Kent, Dec. 26	350,000
1875.	
Jones, Roger Lyon, Esq., late of Prince's Park, Liverpool, Feb. 5	350,000
Tarn, Mr. William, late of Newington-causeway and Chiselburst.	000,000
Feb. 18	500,000
Hargraves, Mr. John, late of Silwood Park, Berks, Feb. 18	600,000
Hodgson, John, Esq., late of Queen's-gate, and Scotton, near	000,000
Richmond, Yorkshire, April 2	300,000
Love, Joseph, Esq., late of Willington, and of Mount Beulah.	
Durham, March 23	1,000,000
Durham, March 23 Vane, Lady Sophia Katherine Des, widow of Sir Henry, April 29	250,000
Gon, Joseph, Esq., late of Hale House, Southampton, May 25	350,000
Pomfret, Virgil, late of Tenterden, Kent, July 3 under	400,000
Adderley Henry, formerly of the island of New Providence, and	
late of Inverness Terrace, July 10	250,000
Strutt, Anthony Radford, Esq., late of Makeney, Derbysh., July 27	900,000

## TABLE FOR ESTIMATING THE PRESENT WORTH OF NET INCOME.

WHETHER DERIVED FROM A LEASE, AN ESTATE, OR AN ANNUITY FOR TERMS OF YEARS.

Years to run.	at the	t worth p net Incom- rate of Int   5 per ct.	e, erest of	Years to run.	Present worth per £100 net Income, at the rate of Interest of 3 per ct.   5 per ct.   7 per ct.							
	-						1. 2					
	£	£	£		£	£	£					
1	97	95	93	34	2113	1619	1285					
2	191	186	181	36	2183	1654	1303					
3	283	272	262	38	2249	1687	1319					
4 5	372	354	339	40	2311	1716	1333					
5	458	433	410	42	2370	1742	1345					
6 7 8	542	507	477	44	2425	1766	1356					
7	623	578	539	46	2477	1788	1365					
8	702	646	597	48	2526	1808	1373					
9	779	711	651	50	2573	1826	1380					
10	853	772	702	52	2616	1842	1386					
11	925	830	750	54	2658	1856	1391					
12	995	886	794	56	2696	1870	1396					
13	1063	939	836	58	2733	1882	1400					
14	1130	990	875	60	2768	1893	1404					
15	1194	1038	911	62	2800	1903	1407					
16	1256	1084	944	64	2830	1912	1410					
17	1317	1127	976	66	2859	1920	1412					
18	1375	1169	1006	68	2887	1927	1414					
19	1432	1208	1034	70	2912	1934	1416					
20	1488	1246	1059	75	2970	1948	1419					
22	1594	1316	1106	80	3020	1959	1422					
24	1694	1380	1147	85	3063	1968	1424					
26	1788	1438	1182	90	3100	1975	1425					
28	1876	1490	1214	95	3132	1980	1426					
30	1960	1537	1241	100	3160	1985	1427					
32	2039	1580	1264	-50	0100	1000	1421					
Evan	-		anth of - 1		N. YACK		Jan Chil					

Example.—The present worth of a lease yielding a net income of £200, and having thirty years to run, if calculated at 3 per cent, is twice £1960, or

ENGLISH VALUE OF FOREIGN DISCOUNT TABLE CURRENCIES.
Eng. value about s. d. '\frac{1}{2\frac{1}{2}}\text{per cent is 0 6 per st.} \text{Pranee, Belgium, Switzerland, or Italy, 1 Franc or 100 Centimes 0 9\frac{1}{2} 4 \times 0 9\frac{1}{2} 2 \times 0 9\frac{1}{2} 4 \times 0 9\frac{1}{2} 2 \times 0 9\frac{1}{2} 4 \times 0 9\frac{1}{2} 2 \times 0 9\frac{1}{2} \times 0 \time

DECEMBER.



OLD MODES OF LOCOMOTION.—STEPHENSON'S LOCOMOTIVE "THE ROCKET," 1829.

ī	1	D.	ANNIVERSARIES,		SUN.	(20)	Мо	ON.	DURATION	OF MC	ONLIGHT.		HIGH V	VATER AT	Establish .	Day
0	F	OF	FESTIVALS, OCCUBRENCES, ETC.	Rises.	Souths	Sets.	Rises.	Sets.	Before Sunrise.	n's	After Sunset.	London	Bridge.	Liverpo	ol Dock.	of Year
7		w.	SUCURRENCES, ETC.		Noon.		Aftern.	Morn.	0 'Clock.	Moon's	O'Clock.	Morn.	Aftern.	Morn.	Aftern.	Tear
		-	100	н. м. 7 45	м. в.	н. м.	н. м. 3 19	н. м. 8 13				н. м.	н. м.	н. м.	н. м.	336
	_	F	Princess of Wales born, 1844					-		17						
		S	Battle of Austerlitz, 1805	7 47	10 11	3 52	4 15	9 32				1 54	0.70, 77	The Property of	11 30	337
1		3	1st SUNDAY IN ADVENT	7 48	9 47	3 51	5 33	10 32		18		2 38	3 2	11 54	-	338
	4	M	Length of day, 8h.	7 50	9 23	3 50	7 3	11 15		19		3 27	3 52	0 18	0 43	339
1	5	Tu	St. Nicholas	7 52	8 58	3 50	8 35	11 43		20		4 17	4 42	1 8	1 33	340
	6	W	Jupiter souths at 11h. 45m. a.m.	7 53	8 32	3 50	10 5	Aftern.		21		5 8	5 34	1 58	2 24	341
1	7	TH	Marshal Ney shot, 1815	7 54	8 6	3 50	11 27	0 17		22		6 4	6 32	2 50	3 20	342
	8	F	Conception of Virgin Mary	7 55	7 40	3 49	Morn.	0 30		0		7 2	7 32	3 48	4 18	343
1	9	S	Vandyke died, 1641	7 56	7 13	3 49	0 48	0 42		24		8 4	8 36	4 48	5 20	344
1	0	5	2ND SUNDAY IN ADVENT	7 57	6 45	3 49	2 7	0 53		25		9 10	9 44	5 52	6 26	345
1		M	Length of night, 16h. 9m.	7 58	6 17	3 49	3 25	1 6		26		10 20	10 52	7 0	7 36	346
	- 1	Tu	Lord Hood born, 1724	7 59	5 49	3 50	4 44	1 23		27		11 20	11 48	8 8	8 36	347
1 -	- 1	W	Council of Trent met, 1545	8 0	5 20	3 50	6 4	1 46	1	28		_	0 14	9 4	9 30	348
		Th	Prince Consort died, 1861	8 1	4 51	3 50	7 18	2 16		29		0 40	1 2	9 56	10 18	349
	5	F	Tzaak Walton died, 1683	8 2	4 22	3 50	8 25	2 55		0		1 24	1 47	10 40	11 3	350
	6	S	Cambridge Michaelmas Term ends	8 2	3 53	3 51	9 19	3 48		1		2 7	2 24	11 23	11 40	351
1	7	2	3RD SUNDAY IN ADVENT	8 3	3 23	3 51	10 1	4 53	THE THE THE THE	2		2 44	3 2	Noon.	13000	352
	8	M	Oxford Michaelmas Term ends	8 4	2 53	3 51	10 30	6 4		3		3 20	3 38	0 18	0 36	353
	9	Tu	Pitt first Premier, 1783	8 5	2 23	3 51	10 51	7 19		4		3 56	4 14	0 54	1 12	354
	20	W	Napoleon III. elected President,	8 5	1 53	3 52	11 6	8 31		5		4 30	4 47	1 30	1 46	355
		Th	St. Thomas	8 6	1 23	3 52		9 48		6		5 5	5 24	2 3	2 21	356
	21	F	Percival shot, 1788	8 6	0 53	3 53		10 56		7		5 44	6 4	2 40	3 0	357
	22	1	Prince Consort buried, 1861	8 7	0 23	3 53	11 40	Morn.		0	10 0 0 miles	6 24	6 46	3 20	3 40	358
1	23	S	4TH SUNDAY IN ADVENT	8 7	Aftern.	3 54	11 51	0 8		9		7 10	7 34	4 2	4 26	359
	24	8	CHRISTMAS DAY	8 7	0 37	3 55	Aftern.	1 23	HILL SHIPSHIPS	10		8 0	8 30	4 50	5 16	360
	25	M		-			0 17	2 44	1111/1111/11111111111111111111111111111	11	60	9 0	9 34	5 46	6 16	361
	26	Tu	St. Stephen	8 7	1 6					12		10 10	10 44	6 50	7 26	362
	27	W	St. John the Evangelist	8 8	1 36	3 57		5 36		13		11 17	11 47	8 0	8 33	363
	28	Th	Innocents' Day	8 8	2 5	3 58	1 7			14			0 17	9 3	9 33	
	29	F	J. Wickliffe died, 1384	8 8	2 34	3 58	1 55	7 2				0 45	1 14		10 30	1
	30	S	Pegu annexed, 1852	8 8	3 3	3 58	3 4	8 13		16		1 40	2 6	1		
	31	3	1st Sund. Aft. Christmas	8 8	3 32	3 59	4 28	9 6		Muschall		1 40	1 4 0	10 00	11 22	1 000



"A HAPPY CHRISTMAS TO PAPA AND MAMMA!" FROM "THE ILLUSTRATED LONDON NEWS."

#### BANK OF ENGLAND.

Founded, 1694. Capital, £14,553,000.

THREADNEEDLE-STREET, CITY. BURLINGTON-GARDENS, W. 1 Governor, H. H. Gibbs. Deputy Governor, E. H. Palmer. Directors.

B. B. Greene H. R. Grenfell John S. Gilliat H. H. Berens Herbert Brooks A. E. Campbell R. W. Crawford M. W. Collet C. H. Goschen T. Hankey J. P. Currie K. D. Hodgson Chief Accountant, John Francis.

Secretary, H. Chubb.

H. L. Holland J. G. Hubbard Thos. N. Hunt Charles F. Huth Alfred Latham W. Lidderdale

George Lyall James Morris D. Powell, jun A. C. Rothschild C. Weguelin. Clifford Wigram

Chief Cashier, Frank May Solicitors, Messrs. Freshfield.

#### TRANSFER DAYS AT THE BANK.

THANSFER DAYS AT THE BANK.

All Stocks on Tuesdays, Wednesdays, Thursdays, and Fridays. Private Transfers may be effected at other times, providing the books are not closed, by paying 2s. 6d. for each Transfer. Tickets for preparing the Transfer of Stock must be given in at the Bank of England before one o'clock. Expenses of Transfer in Bank Stock for £25 and under, 9s.; above that sum, 12s.; India Stock, £1 10s.

Powers of attorney for the sale or transfer of Stock are to be left at the Bank, &c., for gramination, one day before they can be acted upon: if

Powers of attorney for the sale or transfer of Stock are to be left at the Bank, &c., for examination, one day before they can be acted upon; if for receiving dividends, they may be presented at the time the first is payable. Probates of Wills, Letters of Administration, and other proofs of decease must be left at the Bank, &c., for registration, for two or three days. If Life Annuities be transferred between Jan. 5 and April 4, or between July 5 and Oct. 4, dividends are payable on Jan. 5 and July 5. If transferred between April 5 and July 4, or between Oct. 5 and Jan. 4, dividends are payable on April 5 and Oct. 5. Transferred at the National Debt Office, Old Jewry.

The dividends are paid to the public three days after the dates named: if

Old Jewry.

The dividends are paid to the public three days after the dates named; if a Sunday intervene, four days after. The hours for buying and selling are 10 to 1; for transferring, 11 to half-past 2; for accepting, 9 to 3; for payment of dividends, 9 to 3. Transfer-books are closed at 1 p.m. on Saturdays. Dividend Warrants issued as follows:—1. To the fundholder personally at the Bank of England. 2. Under Power of Attorney, free of stamp duty or any other charge. 3. By post within the United Kingdom.

Fundholders who desire to have their Dividend Warrants sent by post must fill up a form, obtainable at the Bank of England or its branches, and at all money-order offices. For joint accounts, all the parties in whose names the fund stands must sign in favour of the one to whom the warrant is to be sent. Post warrants will be crossed "and Co.," and can be cashed at any money-order office, or paid away as ordinary bankers' cheques. Notice should be given to the Bank of the non-reception of any warrant which has been directed to be sent by post.

which has been directed to be sent by post.

Under the provisions of an Act passed in 1871, the following are the dividend days and periods of redemption of the various Stocks:—

Half-Yearly Dividend. Denomination. Period of Redemption, January 5 Consolidated Three per Cent Any time after passing of Act, agreeably to the regulation therein. July 5 ... April 5 ... October 5 January 5 Reduced Any time after Jan. 5, 1873. New Five per Cent Annuities July 5 ... April 5 ... October 5 Any time after Oct. 10, 1874. New Three per Cent Annuities January 5 New Three-and-a-Half per Any time after Jan. 5, 1894. Cent Annuities ... Two-and-a-Half per Cent July 5 January 5 July 5 ... Any time after Jan. 5, 1894. Annuities ..

## LONDON AND WESTMINSTER BANKERS.

Agra Bank, 35, Nicholas-lane.
Alexanders, Cunliffes, and Co., 30,
Lombard-street.
Alliance Bank, Bartholomew-lane,

and 255, High-street, Borough.
Anglo-Austrian Bank, 31, and 32,
Lombard-street.

Anglo-Egyptian Bank, 27, Clement's

lane. Anglo-Foreign Banking Co., 29, Lombard-street. Anglo-Hungarian Bank, 46, Lom-bard-street. Anglo-Italian Bank, 16, Leadenhall-

Australian Joint-Stock Bank, 18, King William-street. Bank of Australasia, 4, Threadneedle-

street. of British Columbia, 5, East

India-avenue.

Bank of British North America, 124,
Bishopsgate-street Within.

Bank of Egypt, 26, Old Broad-

street.
Bank of Montreal, 27, Lombard-

Bank of New South Wales, 64, Old

Broad-street. Bank of New Zealand, 50, Old Broad-Bank of Otago, 5, Adam's-court, Old

Broad-street Bank of Queensland, 26, Old Broad-

Bank of Roumania, 30, Austin-friars. Bank of Scotland, 43, Lothbury.

Bank of South Australia, 54, Old Broad-street. Bank of Victoria, 3, Threadneedlestreet.

Barber, and Co., 136, Leadenhall-street.

Barclay, Bevan, and Co., 54, Lombard-street.

bard-street.

Barnett, Hoare, and Co., 60 and 62,
Lombard-street.
Biggerstaff, W. and J., 63, West
Smithfield, & Metropolitan CattleMarket, Islington.
Birkbeck Bank, 29 and 30, Southampton buildings, Holborn.
Bosanquet, and Co., 73, Lombardstreet.

street. Brooks and Co., 81, Lombard-stre

Brown, Janson, and Co., 82, Abchurch-lane.
Brown, John, and Co., 90, Cannon-street.

street. Central of London Bank, 52, Corn-Central of London Bank, 52, White-Central of London Bank, 52, Comhill; 110, High-street, White-chapel; 26, Tooley-street, Borough, and 31, High-street, Shoreditch. Chartered Bank of India, Australia, and China, Hatton-court, Threadneedle-street. Chartered Mercantile Bank of India, London, and China, 65, Old Broadstreet. Child and Co. 1, Fleet-st., Temple-bar.

Child and Co., 1, Fleet-st., Temple-bar. City and County Bank, 33, Abehurch-

lane. City Bank, 5, Threadneedle-street; 34, Old Bond-street; 25, Lud-

Cocks, Biddulph, and Co., 43, Charing cross. Colonial Bank, 13, Bishopsgate

Colonial Bank, 13, Disnops accepted within.
Colonial Bank of Australasia, 4,
Royal Exchange-buildings.
Commercial Banking Co. of Sydney,

39, Lombard-street. Commercial Bank of India, 64, Moorgate-street.

Commercial Bank of the River Plate 10, Angel-court, Throgmorton-street

Consolidated Bank, 52, Threadneedle-street; and 450, West Strand. Continental Bank, 79, Lombard-

street. Coutts and Co., 59, Strand. Cunliffe, Roger, Sons, and Co., 6, Princes-street, City. Delhi and London Bank, 76, King

William-street, City.
Dimsdale, Fowler, and Barnard, 50,
Cornhill.

Drummonds, 49, Charing-cross. East India Bank, 12, Leadenhallstreet English and American Bank, 40

Threadneedle-street.
English Bank of Rio de Janeiro,
13, St. Helen's-place, Bishopsgatestreet. English, Scottish, and Australian

Chartered Bank, 73, Cornhill.
Fuller, Banbury. Nix, and Co., 77,
Lombard-street.

Gillett, Brothers, and Co., 72, Lombard-street. Glyn, Mills, and Co., 67, Lombard

street.

street.
Goslings and Sharpe, 19, Fleet-street.
Grindlay and Co., 55, Parliament-st.
Harwood, Knight, and Allen, 17,
and 18, Cornhill.
Herries, Farquhar, and Co., 16, St.
James's-street.
Hill and Sons, 17, West Smithfield;
and Cattle Market.
Hoare, Messus, 37, Fleet-street.
Hog-Kong and Shanghai Banking
Corporation, 32, Lombard-street.
Hopkinson and Co., 3, Regent-street.
Imperial Bank, 6, Lothbury; 1, Westminster-chambers, Victoria-street;
and 1, Sidney-place, Onslow-square.
Imperial Ottoman Bank, 26, Throgmorton-street. morton-street.

Ionian Bank, 31, Finsbury-circus. King and Co., 65, Cornhill, and 45, Pall-mall.

Lacy and Son, 60, West Smithfield; and New Cattle Market. London and Brazilian Bank, 2, Old

London and Brazilian Bank, 2, Old Broad-street.
London and County Joint - Stock Banking Co., 21, Lombard-street; Albert-gate, Knightsbridge; 21, Hanover-square; 6, Berkeley-place, Edgware-road; 441, Oxford-street; 34, High-street, Boro'; 67, High-street, Kensington; 19, High-street, Islington; 193, Caledonian - road, Islington; 181, Shoreditch; 1, Amherst-road East, Hackney; 6, Henrietta-street, Covent-garden; 74, Westbourne - grove, Bayswater; 165, Westminster Bridge-noad; 1, Providence-place, Limehouse; 324, High Holborn; 18, Newington butts, S.E.; 112, Aldersgate-street; 3, Victoria-street, Westminster; Blackheath, Deptford, Greenwich, Woolwich, Stratford, Barnet, and Hammersmith.
London and River Plate Bank, 40, Moorgate-street, Pank, 22, London and San Francisco Bank, 22, London and Bank, 23, London and Bank, 24, London and B Broad-street.

40, Moorgate-street. London and San Francisco Bank, 22,

London and San Francisco Bank, 22, Old Broad-street.
London and San Francisco Bank, 22, Old Broad-street.
London and South African Bank, 10, King-William-street, City.
London and South-Western Bank, 17, Fenchurch-street; 27, Regentstreet; 67, Park-street, Camden Town; High-street, Hampstead; Circus-rd, 8t. John's-wood; Clapham-common; Commercial-road, Stepney; Bow; 10, Loughborough-place, Brixton; 304, Brixton-road; Manor-terrace, Kilburn; Westow-hill, Norwood; Forest-hill; Ealing; Thurlow-place, Lower Norwood; 98, High-street, Peckham; High-street, Putney; Bank Buildings, Wandsworth; Seven Sisters-road, Upper Holloway.

gate-hill; and 159, Tottenham-London and Westminster Bank, 41, court-road.

Lothbury; 1, St. James's-square Lothbury; 1, St. James's-square; 214, High Holborn; 6, High-street, Borough; 130, High-street, White-chapel; 4, Stratford-place, Oxford-street; 217, Strand; and 91, Westminster Bridge-road. London and Yorkshire Bank, 59, New

Broad-street.

Broad-street.
London Banking Association, 4, Bank
Buildings, Lothbury.
London Bank of Mexico and South
America, 144, Leadenhall-street.
London Chartered Bank of Australia,

88, Cannon-street. London Joint-Stock Bank, 5, Princesonaton John-Stock Bank, 5, Frinces-street, Bank; 69, Pall-mall; 124, Chancery-lane; 28, High-street, Borough; Charterhouse-street; 9, Craven-road; Metropolitan Cattle Markets, Islington and Deptford.

Martin and Co., 68, Lombard-street. McCullock and Co., 41, Lombardstreet.

Mercantile Bank of Sydney, 30, Great St. Helen's.

St. Heien's.
Merchant Banking Co. of London,
112, Cannon-street.
Metropolitan Bank, 75, Cornhill, and
Woolwich.
Midland Banking Company, 38, New

Broad-street. Morton, Rose, and Co., Bartholomew

House, Bank. National Bank, 13, Old Broad-street; 68, Bishop's-road, Bayswater; 9, Charing-cross; 189, High-street, Camden Town; 22, Old Cavendishstreet; 21, Grosvenor - gardens, Pimlico; 282, Pentonville-road; and 158, High-street, Nottinghill.

National Bank of Australasia, 47, Cornhill. National Bank of India, 80, King

William-street National Bank of Scotland, 37, Nicho-

las-lane. National Exchange and Credit Bank, 32, Lombard-street. "
National Provincial Bank of England,

National Provincial Bank of England, 112, Bishopsgate-street Within; 14, Waterloo-place, Pall - mall; 28, Baker-street, Partman-square; 173, Upper-street, Islington.
Oriental Bank Corporation, 40, Threadneedle-street.
Praed, Fane, and Co., 189, Fleet-street.
Present Grate and Co. 78

Prescott, Grote, and Co., 62, Thread-

Prescott, Grote, and Co., 62, Inread-needle-street.

Provincial Banking Corporation,
7, Bank-buildings, Lothbury; 163,
Edgware-road; 560, Kingsland-rd.,
Lewisham, Sutton, and Twicken-Provincial Bank of Ireland, 42, Old

Broad-street.
Ranson, Bouverie, and Co., 1, Pallmall East.

mail East.

Richardson and Co., 13, Pall-mall, and 23, Cornhill.

Robarts, Lubbock, and Company, 15, Lombard-street.

Samuel, Montagu, and Co., 60, Old Broad-street. Scott, Sir Samuel, Bart., and Co., 1,

Cavendish-square.
Shank, J., 4, Bank-buildings, Cattle
Market. Smith, Payne, and Smiths, 1, Lombard-street.

bard-street.

Standard Bank of British South
Africa, 10, Clement's-lane, Lombard-street.

Stride, J. and W. S., 41, West Smithfield; and Cattle Market.

Twining, R., and Co., 215, Strand.
Union Bank of Australia, 1, Bankbuilding Princesstreet.

Union Bank of Australia, 1, Bank-buildings, Princes-street.
Union Bank of London, 2, Princes-street, City; 66, Charing-cross; 14, Argyll-place, Regent-street; Chancery-lane; and Holborn-circus.
Williams, Deacon, Labouchere, and Co., 20, Birchin-lane.
Willis, Percival and Co., 76, Lombard-street.

The Bank of England was the first The Bank of England was the Inter-joint-Stock Bank established in Eng-land, and having exclusive privileges in the Metropolis granted by Royal Charter, it continued the only Joint-Stock Bank in London until 1834. At this date the London and Westminster Bank was founded.

